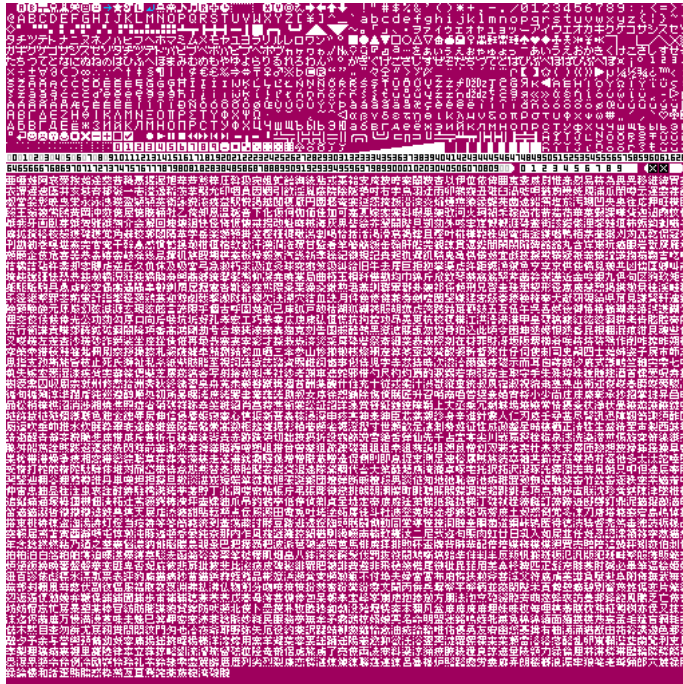




# List of Character Codes

The code point in the list is UTF-16. SmileBASIC supports UTF-16 so that `PRINT CHR$(VAL("&H0024"))` displays a character at the code point U+0024 which is 「\$」



SmieBASIC has the internal font table (shown above) for 8 x 8 pixel fonts and there are X and Y coordinates to point a particular character in the table. SmileBASIC retrieves a character by that XY coordinates. Note that the coordinates can be duplicated in certain characters due to some technical reasons. For instance, U+0021 「!」 and U+F001 refer to the same coordinates so that you define a glyph at U+0021 with FONTDEF instruction then a character at U+FF01 is affected as well.

Control Characters			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+0000		(0, 0)	
U+0009	→	(72, 0)	Tab
U+000A		(104, 0)	LF
U+000D	↵	(104, 0)	CR

ASCII Characters			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+0020		(256, 0)	
U+0021	!	(264, 0)	!
U+0022	"	(272, 0)	"
U+0023	#	(280, 0)	#
U+0024	\$	(288, 0)	\$
U+0025	%	(296, 0)	%
U+0026	&	(304, 0)	&
U+0027	'	(312, 0)	'
U+0028	(	(320, 0)	(
U+0029	)	(328, 0)	)
U+002A	*	(336, 0)	*
U+002B	+	(344, 0)	+
U+002C	,	(352, 0)	,
U+002D	-	(360, 0)	-

U+002E	.	(368, 0)	.
U+002F	/	(376, 0)	/
U+0030	0	(384, 0)	0
U+0031	1	(392, 0)	1
U+0032	2	(400, 0)	2
U+0033	3	(408, 0)	3
U+0034	4	(416, 0)	4
U+0035	5	(424, 0)	5
U+0036	6	(432, 0)	6
U+0037	7	(440, 0)	7
U+0038	8	(448, 0)	8
U+0039	9	(456, 0)	9
U+003A	:	(464, 0)	:
U+003B	;	(472, 0)	;
U+003C	<	(480, 0)	<
U+003D	=	(488, 0)	=
U+003E	>	(496, 0)	>
U+003F	?	(504, 0)	?
U+0040	@	(0, 8)	@
U+0041	A	(8, 8)	A
U+0042	B	(16, 8)	B
U+0043	C	(24, 8)	C
U+0044	D	(32, 8)	D
U+0045	E	(40, 8)	E
U+0046	F	(48, 8)	F
U+0047	G	(56, 8)	G
U+0048	H	(64, 8)	H
U+0049	I	(72, 8)	I
U+004A	J	(80, 8)	J
U+004B	K	(88, 8)	K
U+004C	L	(96, 8)	L
U+004D	M	(104, 8)	M
U+004E	N	(112, 8)	N
U+004F	O	(120, 8)	O
U+0050	P	(128, 8)	P
U+0051	Q	(136, 8)	Q
U+0052	R	(144, 8)	R
U+0053	S	(152, 8)	S
U+0054	T	(160, 8)	T
U+0055	U	(168, 8)	U
U+0056	V	(176, 8)	V
U+0057	W	(184, 8)	W
U+0058	X	(192, 8)	X
U+0059	Y	(200, 8)	Y
U+005A	Z	(208, 8)	Z
U+005B	[	(216, 8)	[
U+005C	\	(224, 8)	\
U+005D	]	(232, 8)	]
U+005E	^	(240, 8)	^
U+005F	_	(248, 8)	_
U+0060	`	(256, 8)	`
U+0061	a	(264, 8)	a
U+0062	b	(272, 8)	b
U+0063	c	(280, 8)	c
U+0064	d	(288, 8)	d
U+0065	e	(296, 8)	e
U+0066	f	(304, 8)	f
U+0067	g	(312, 8)	g
U+0068	h	(320, 8)	h

U+0069	i	(328, 8)	i
U+006A	j	(336, 8)	j
U+006B	k	(344, 8)	k
U+006C	l	(352, 8)	l
U+006D	m	(360, 8)	m
U+006E	n	(368, 8)	n
U+006F	o	(376, 8)	o
U+0070	p	(384, 8)	p
U+0071	q	(392, 8)	q
U+0072	r	(400, 8)	r
U+0073	s	(408, 8)	s
U+0074	t	(416, 8)	t
U+0075	u	(424, 8)	u
U+0076	v	(432, 8)	v
U+0077	w	(440, 8)	w
U+0078	x	(448, 8)	x
U+0079	y	(456, 8)	y
U+007A	z	(464, 8)	z
U+007B	{	(472, 8)	{
U+007C		(480, 8)	
U+007D	}	(488, 8)	}
U+007E	~	(496, 8)	~
U+007F	\	(504, 8)	Backslash

Symbols and Latin Characters			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+00A0		(256, 0)	Space
U+00A1	¡	(464, 40)	¡
U+00A2	¢	(136, 48)	¢
U+00A3	£	(152, 48)	£
U+00A4	¤	(456, 40)	¤
U+00A5	¥	(224, 8)	¥
U+00A6	¦	(128, 48)	¦
U+00A7	§	(104, 48)	§
U+00A8	¨	(328, 48)	¨
U+00A9	©	(224, 48)	©
U+00AA	ª	(288, 32)	ª
U+00AB	«	(392, 64)	«
U+00AC	¬	(504, 40)	¬
U+00AD	-	(488, 64)	Soft hyphen
U+00AE	®	(232, 48)	®
U+00AF	¯	(384, 32)	¯
U+00B0	°	(248, 24)	°
U+00B1	±	(16, 48)	±
U+00B2	²	(488, 40)	²
U+00B3	³	(496, 40)	³
U+00B4	´	(352, 48)	´
U+00B5	µ	(448, 48)	µ
U+00B6	¶	(112, 48)	¶
U+00B7	·	(192, 80)	·
U+00B8	¸	(480, 64)	¸
U+00B9	¹	(480, 40)	¹
U+00BA	º	(472, 40)	º
U+00BB	»	(400, 64)	»
U+00BC	¼	(456, 48)	¼
U+00BD	½	(464, 48)	½
U+00BE	¾	(472, 48)	¾
U+00BF	¿	(480, 48)	¿
U+00C0	À	(0, 72)	À
U+00C1	Á	(8, 72)	Á

U+00C2	Ĥ	(16, 72)	Ā
U+00C3	Ħ	(24, 72)	Ā
U+00C4	Ĩ	(32, 72)	Ā
U+00C5	Ī	(40, 72)	Ā
U+00C6	Æ	(48, 72)	Æ
U+00C7	Ç	(56, 72)	Ç
U+00C8	È	(64, 72)	È
U+00C9	É	(72, 72)	É
U+00CA	Ê	(80, 72)	Ê
U+00CB	Ë	(88, 72)	Ë
U+00CC	Ì	(96, 72)	Ì
U+00CD	Í	(104, 72)	Í
U+00CE	Ĭ	(112, 72)	Ĭ
U+00CF	Ī	(120, 72)	Ī
U+00D0	Đ	(128, 72)	Đ
U+00D1	Ñ	(136, 72)	Ñ
U+00D2	Ò	(144, 72)	Ò
U+00D3	Ó	(152, 72)	Ó
U+00D4	Ô	(160, 72)	Ô
U+00D5	Õ	(168, 72)	Õ
U+00D6	Ö	(176, 72)	Ö
U+00D7	×	(0, 48)	×
U+00D8	Ø	(184, 72)	Ø
U+00D9	Ù	(200, 72)	Ù
U+00DA	Ú	(208, 72)	Ú
U+00DB	Û	(216, 72)	Û
U+00DC	Ü	(224, 72)	Ü
U+00DD	Ý	(232, 72)	Ý
U+00DE	Ɔ	(248, 72)	Ɔ
U+00DF	Ɔ	(504, 72)	Ɔ
U+00E0	à	(256, 72)	à
U+00E1	á	(264, 72)	á
U+00E2	â	(272, 72)	â
U+00E3	ã	(280, 72)	ã
U+00E4	ä	(288, 72)	ä
U+00E5	å	(296, 72)	å
U+00E6	æ	(304, 72)	æ
U+00E7	ç	(312, 72)	ç
U+00E8	è	(320, 72)	è
U+00E9	é	(328, 72)	é
U+00EA	ê	(336, 72)	ê
U+00EB	ë	(344, 72)	ë
U+00EC	ì	(352, 72)	ì
U+00ED	í	(360, 72)	í
U+00EE	î	(368, 72)	î
U+00EF	ï	(376, 72)	ï
U+00F0	ð	(384, 72)	ð
U+00F1	ñ	(392, 72)	ñ
U+00F2	ò	(400, 72)	ò
U+00F3	ó	(408, 72)	ó
U+00F4	ô	(416, 72)	ô
U+00F5	õ	(424, 72)	õ
U+00F6	ö	(432, 72)	ö
U+00F7	÷	(8, 48)	÷
U+00F8	ø	(440, 72)	ø
U+00F9	ù	(456, 72)	ù
U+00FA	ú	(464, 72)	ú
U+00FB	û	(472, 72)	û
U+00FC	ü	(480, 72)	ü

<b>U+00FD</b>	ŷ	(488, 72)	ý
<b>U+00FE</b>	ƒ	(504, 64)	ƒ
<b>U+00FF</b>	ÿ	(496, 72)	ÿ
<hr/>			
<b>U+0100</b>	Ā	(16, 56)	Ā
<b>U+0101</b>	ā	(16, 64)	ā
<b>U+0102</b>	Ă	(24, 56)	Ă
<b>U+0103</b>	ă	(24, 64)	ă
<b>U+0104</b>	Ą	(32, 56)	Ą
<b>U+0105</b>	ą	(32, 64)	ą
<b>U+0106</b>	Ć	(40, 56)	Ć
<b>U+0107</b>	ć	(40, 64)	ć
<b>U+0108</b>	Ĉ	(368, 56)	Ĉ
<b>U+0109</b>	ĉ	(368, 64)	ĉ
<b>U+010A</b>	Č	(48, 56)	Č
<b>U+010B</b>	č	(48, 64)	č
<b>U+010C</b>	Ď	(56, 56)	Ď
<b>U+010D</b>	ď	(56, 64)	ď
<b>U+010E</b>	Đ	(64, 56)	Đ
<b>U+010F</b>	đ	(64, 64)	đ
<hr/>			
<b>U+0110</b>	Ð	(128, 72)	Ð
<b>U+0111</b>	đ	(384, 72)	đ
<b>U+0112</b>	Ě	(72, 56)	Ě
<b>U+0113</b>	ě	(72, 64)	ě
<b>U+0114</b>	Ě	(80, 56)	Ě
<b>U+0115</b>	ě	(80, 64)	ě
<b>U+0116</b>	É	(88, 56)	É
<b>U+0117</b>	é	(88, 64)	é
<b>U+0118</b>	Ę	(96, 56)	Ę
<b>U+0119</b>	ę	(96, 64)	ę
<b>U+011A</b>	Ě	(80, 56)	Ě
<b>U+011B</b>	ě	(80, 64)	ě
<b>U+011C</b>	Ĝ	(376, 56)	Ĝ
<b>U+011D</b>	ĝ	(376, 64)	ĝ
<b>U+011E</b>	Ğ	(104, 56)	Ğ
<b>U+011F</b>	ğ	(104, 64)	ğ
<hr/>			
<b>U+0120</b>	Ġ	(112, 56)	Ġ
<b>U+0121</b>	ġ	(112, 64)	ġ
<b>U+0122</b>	Ģ	(120, 56)	Ģ
<b>U+0123</b>	ģ	(120, 64)	ċ
<b>U+0124</b>	Ĥ	(400, 96)	Ĥ
<b>U+0125</b>	ĥ	(400,104)	ĥ
<b>U+0126</b>	Ħ	(128, 56)	Ħ
<b>U+0127</b>	ħ	(128, 64)	ħ
<b>U+0128</b>	Ĩ	(408, 96)	Ĩ
<b>U+0129</b>	ĩ	(408,104)	ĩ
<b>U+012A</b>	Ī	(136, 56)	Ī
<b>U+012B</b>	ī	(136, 64)	ī
<b>U+012C</b>	Ĳ	(416, 96)	Ĳ
<b>U+012D</b>	ĳ	(416,104)	ĳ
<b>U+012E</b>	Ĵ	(144, 56)	Ĵ
<b>U+012F</b>	ĵ	(144, 64)	ĵ
<hr/>			
<b>U+0130</b>	İ	(152, 56)	İ
<b>U+0131</b>	ı	(160, 64)	ı
<b>U+0132</b>	Ĵ	(168, 56)	Ĵ
<b>U+0133</b>	ĵ	(168, 64)	ĵ
<b>U+0134</b>	Ĵ	(424, 96)	Ĵ
<b>U+0135</b>	ĵ	(424,104)	ĵ
<b>U+0136</b>	Ķ	(176, 56)	Ķ
<b>U+0137</b>	ķ	(176, 64)	ķ

<b>U+0138</b>	Ƙ	(392, 56)	ƙ
<b>U+0139</b>	Ƭ	(184, 56)	Ʒ
<b>U+013A</b>	Ǝ	(184, 64)	ɛ
<b>U+013B</b>	Ʊ	(192, 56)	ɓ
<b>U+013C</b>	Ʒ	(192, 64)	ɔ
<b>U+013D</b>	Ʊ	(200, 56)	Ʊ
<b>U+013E</b>	Ʊ	(200, 64)	Ʊ
<b>U+013F</b>	Ʊ	(432, 96)	Ʊ
<hr/>			
<b>U+0140</b>	Ʊ	(432,104)	Ʊ
<b>U+0141</b>	Ʊ	(208, 56)	Ʊ
<b>U+0142</b>	Ʊ	(208, 64)	Ʊ
<b>U+0143</b>	Ʊ	(216, 56)	Ʊ
<b>U+0144</b>	Ʊ	(216, 64)	Ʊ
<b>U+0145</b>	Ʊ	(224, 56)	Ʊ
<b>U+0146</b>	Ʊ	(224, 64)	Ʊ
<b>U+0147</b>	Ʊ	(232, 56)	Ʊ
<b>U+0148</b>	Ʊ	(232, 64)	Ʊ
<b>U+0149</b>	Ʊ	(336, 64)	Ʊ
<b>U+014A</b>	Ʊ	(440, 96)	Ʊ
<b>U+014B</b>	Ʊ	(440,104)	Ʊ
<b>U+014C</b>	Ʊ	(448, 96)	Ʊ
<b>U+014D</b>	Ʊ	(448,104)	Ʊ
<b>U+014E</b>	Ʊ	(456, 96)	Ʊ
<b>U+014F</b>	Ʊ	(456,104)	Ʊ
<hr/>			
<b>U+0150</b>	Ʊ	(240, 56)	Ʊ
<b>U+0151</b>	Ʊ	(240, 64)	Ʊ
<b>U+0152</b>	Ʊ	(192, 72)	Ʊ
<b>U+0153</b>	Ʊ	(448, 72)	Ʊ
<b>U+0154</b>	Ʊ	(248, 56)	Ʊ
<b>U+0155</b>	Ʊ	(248, 64)	Ʊ
<b>U+0156</b>	Ʊ	(464, 96)	Ʊ
<b>U+0157</b>	Ʊ	(464,104)	Ʊ
<b>U+0158</b>	Ʊ	(256, 56)	Ʊ
<b>U+0159</b>	Ʊ	(256, 64)	Ʊ
<b>U+015A</b>	Ʊ	(264, 56)	Ʊ
<b>U+015B</b>	Ʊ	(264, 64)	Ʊ
<b>U+015C</b>	Ʊ	(472, 96)	Ʊ
<b>U+015D</b>	Ʊ	(472,104)	Ʊ
<b>U+015E</b>	Ʊ	(272, 56)	Ʊ
<b>U+015F</b>	Ʊ	(272, 64)	Ʊ
<hr/>			
<b>U+0160</b>	Ʊ	(0, 56)	Ʊ
<b>U+0161</b>	Ʊ	(0, 64)	Ʊ
<b>U+0162</b>	Ʊ	(360, 56)	Ʊ
<b>U+0163</b>	Ʊ	(360, 64)	Ʊ
<b>U+0164</b>	Ʊ	(280, 56)	Ʊ
<b>U+0165</b>	Ʊ	(280, 64)	Ʊ
<b>U+0166</b>	Ʊ	(480, 96)	Ʊ
<b>U+0167</b>	Ʊ	(480,104)	Ʊ
<b>U+0168</b>	Ʊ	(488, 96)	Ʊ
<b>U+0169</b>	Ʊ	(488,104)	Ʊ
<b>U+016A</b>	Ʊ	(288, 56)	Ʊ
<b>U+016B</b>	Ʊ	(288, 64)	Ʊ
<b>U+016C</b>	Ʊ	(496, 96)	Ʊ
<b>U+016D</b>	Ʊ	(496,104)	Ʊ
<b>U+016E</b>	Ʊ	(296, 56)	Ʊ
<b>U+016F</b>	Ʊ	(296, 64)	Ʊ
<hr/>			
<b>U+0170</b>	Ʊ	(304, 56)	Ʊ
<b>U+0171</b>	Ʊ	(304, 64)	Ʊ
<b>U+0172</b>	Ʊ	(312, 56)	Ʊ

U+0173	Ų	(312, 64)	ų
U+0174	Ŵ	(504, 96)	ŵ
U+0175	Ŷ	(504,104)	ŷ
U+0176	Ÿ	(256, 32)	ÿ
U+0177	Ź	(264, 32)	ź
U+0178	Ż	(240, 72)	ż
U+0179	Ž	(320, 56)	ž
U+017A	ž	(320, 64)	ž
U+017B	Ž	(328, 56)	Ž
U+017C	ž	(328, 64)	ž
U+017D	Ž	(8, 56)	Ž
U+017E	ž	(8, 64)	ž
U+017F	ƒ	(376, 48)	ƒ

### Latin Extended B, Dingbats and Other Alphabets

Code Point	Appearance	(X and Y coordinates)	Remarks
U+0192	ƒ	(336, 56)	f
U+01C5	Dž	(344, 56)	Dž
U+01C6	dž	(344, 64)	dž
U+01F0	ǰ	(248,104)	ǰ
U+01F2	Dz	(352, 56)	Dz
U+01F3	dz	(352, 64)	dz
U+021A	‡	(360, 56)	‡
U+021B	‡	(360, 64)	‡
U+02C7	˘	(200, 80)	˘
U+02D8	˘	(208, 80)	˘
U+02D9	˙	(216, 80)	˙
U+02DA	°	(0, 96)	°
U+02DB	˘	(224, 80)	˘
U+02DC	˘	(232, 80)	˘
U+037E	;	(504, 56)	;
U+0384	˙	(336, 48)	˙
U+0385	˘	(368, 48)	˘
U+0386	Ā	(408, 56)	Ā
U+0387	˙	(192, 80)	˙
U+0388	Ē	(416, 56)	Ē
U+0389	Ĥ	(424, 56)	Ĥ
U+038A	Ħ	(432, 56)	Ħ
U+038C	Ŏ	(440, 56)	Ŏ
U+038E	Ÿ	(448, 56)	Ÿ
U+038F	Ω	(456, 56)	Ω
U+0390	İ	(480, 56)	İ
U+0391	Α	(0, 80)	A
U+0392	Β	(8, 80)	B
U+0393	Γ	(16, 80)	Γ
U+0394	Δ	(24, 80)	Δ
U+0395	Ε	(32, 80)	E
U+0396	Ζ	(40, 80)	Z
U+0397	Η	(48, 80)	H
U+0398	Θ	(56, 80)	Θ
U+0399	Ι	(64, 80)	I
U+039A	Κ	(72, 80)	K
U+039B	Λ	(80, 80)	Λ
U+039C	Μ	(88, 80)	M
U+039D	Ν	(96, 80)	N
U+039E	Ξ	(104, 80)	Ξ
U+039F	Ο	(112, 80)	O

U+03A0	Π	(120, 80)	Π
U+03A1	Ρ	(128, 80)	Ρ
U+03A3	Σ	(136, 80)	Σ
U+03A4	Τ	(144, 80)	Τ
U+03A5	Υ	(152, 80)	Υ
U+03A6	Φ	(160, 80)	Φ
U+03A7	Χ	(168, 80)	Χ
U+03A8	Ψ	(176, 80)	Ψ
U+03A9	Ω	(184, 80)	Ω
U+03AA	Ī	(464, 56)	Ī
U+03AB	ÿ	(472, 56)	ÿ
U+03AC	á	(408, 64)	á
U+03AD	ê	(416, 64)	ê
U+03AE	ñ	(424, 64)	ñ
U+03AF	í	(432, 64)	í
U+03B0	ü	(488, 56)	ü
U+03B1	α	(256, 80)	α
U+03B2	β	(264, 80)	β
U+03B3	γ	(272, 80)	γ
U+03B4	δ	(280, 80)	δ
U+03B5	ε	(288, 80)	ε
U+03B6	ζ	(296, 80)	ζ
U+03B7	η	(304, 80)	η
U+03B8	θ	(312, 80)	θ
U+03B9	ι	(320, 80)	ι
U+03BA	κ	(328, 80)	κ
U+03BB	λ	(336, 80)	λ
U+03BC	μ	(344, 80)	μ
U+03BD	ν	(352, 80)	ν
U+03BE	ξ	(360, 80)	ξ
U+03BF	ο	(368, 80)	ο
U+03C0	π	(376, 80)	π
U+03C1	ρ	(384, 80)	ρ
U+03C2	ς	(496, 56)	ς
U+03C3	σ	(392, 80)	σ
U+03C4	τ	(400, 80)	τ
U+03C5	υ	(408, 80)	υ
U+03C6	φ	(416, 80)	φ
U+03C7	χ	(424, 80)	χ
U+03C8	ψ	(432, 80)	ψ
U+03C9	ω	(440, 80)	ω
U+03CA	ĩ	(464, 64)	ĩ
U+03CB	ÿ	(472, 64)	ÿ
U+03CC	ó	(440, 64)	ó
U+03CD	ú	(448, 64)	ú
U+03CE	ώ	(456, 64)	ώ
U+0401	Ě	(48, 88)	Ě
U+0410	А	(0, 88)	А
U+0411	Б	(8, 88)	Б
U+0412	В	(16, 88)	В
U+0413	Г	(24, 88)	Г
U+0414	Д	(32, 88)	Д
U+0415	Е	(40, 88)	Е
U+0416	Ж	(56, 88)	Ж
U+0417	З	(64, 88)	З
U+0418	И	(72, 88)	И
U+0419	Й	(80, 88)	Й
U+041A	К	(88, 88)	К
U+041B	Л	(96, 88)	Л



U+041C	М	(104, 88)	М
U+041D	Н	(112, 88)	Н
U+041E	О	(120, 88)	О
U+041F	П	(128, 88)	П
U+0420	Р	(136, 88)	Р
U+0421	С	(144, 88)	С
U+0422	Т	(152, 88)	Т
U+0423	У	(160, 88)	У
U+0424	Ф	(168, 88)	Ф
U+0425	Х	(176, 88)	Х
U+0426	Ц	(184, 88)	Ц
U+0427	Ч	(192, 88)	Ч
U+0428	Ш	(200, 88)	Ш
U+0429	Щ	(208, 88)	Щ
U+042A	Ъ	(216, 88)	Ъ
U+042B	Ы	(224, 88)	Ы
U+042C	Ь	(232, 88)	Ь
U+042D	Э	(240, 88)	Э
U+042E	Ю	(248, 88)	Ю
U+042F	Я	(384, 56)	Я
U+0430	а	(256, 88)	а
U+0431	б	(264, 88)	б
U+0432	в	(272, 88)	в
U+0433	г	(280, 88)	г
U+0434	д	(288, 88)	д
U+0435	е	(296, 88)	е
U+0436	ж	(312, 88)	ж
U+0437	з	(320, 88)	з
U+0438	и	(328, 88)	и
U+0439	й	(336, 88)	й
U+043A	к	(344, 88)	к
U+043B	л	(352, 88)	л
U+043C	м	(360, 88)	м
U+043D	н	(368, 88)	н
U+043E	о	(376, 88)	о
U+043F	п	(384, 88)	п
U+0440	р	(392, 88)	р
U+0441	с	(400, 88)	с
U+0442	т	(408, 88)	т
U+0443	у	(416, 88)	у
U+0444	ф	(424, 88)	ф
U+0445	х	(432, 88)	х
U+0446	ц	(440, 88)	ц
U+0447	ч	(448, 88)	ч
U+0448	ш	(456, 88)	ш
U+0449	щ	(464, 88)	щ
U+044A	ъ	(472, 88)	ъ
U+044B	ы	(480, 88)	ы
U+044C	ь	(488, 88)	ь
U+044D	э	(496, 88)	э
U+044E	ю	(504, 88)	ю
U+044F	я	(384, 64)	я
U+0451	ё	(304, 88)	ё

General Punctuations			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+2013	–	(488, 64)	–
U+2014	—	(360, 0)	—
U+2018	‘	(352, 48)	‘

<b>U+2019</b>	✓	(464, 80)	✓
<b>U+201A</b>	∕	(472, 80)	∕
<b>U+201B</b>	˘	(480, 80)	˘
<b>U+201C</b>	“	(240, 48)	“
<b>U+201D</b>	”	(248, 48)	”
<b>U+201E</b>	„	(456, 80)	„
<hr/>			
<b>U+2020</b>	†	(88, 48)	†
<b>U+2021</b>	‡	(96, 48)	‡
<b>U+2026</b>	…	(296, 32)	…
<hr/>			
<b>U+2030</b>	‰	(160, 48)	‰
<b>U+2032</b>	’	(336, 48)	’
<b>U+2033</b>	”	(360, 48)	”
<b>U+2039</b>	<	(496, 48)	<
<b>U+203A</b>	>	(504, 48)	>
<b>U+203B</b>	‡	(208, 48)	‡

Other Symbols			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+20A9</b>	⌘	(448, 80)	⌘
<b>U+20AC</b>	€	(144, 48)	€
<hr/>			
<b>U+2116</b>	№	(248, 32)	№
<hr/>			
<b>U+2122</b>	™	(488, 48)	™
<hr/>			
<b>U+2190</b>	←	(232, 0)	←
<b>U+2191</b>	↑	(240, 0)	↑
<b>U+2192</b>	→	(224, 0)	→
<b>U+2193</b>	↓	(248, 0)	↓
<hr/>			
<b>U+21D2</b>	⇒	(168, 48)	⇒
<b>U+21D4</b>	⇔	(176, 48)	⇔
<hr/>			
<b>U+2200</b>	∇	(24, 48)	∇
<b>U+2202</b>	∂	(32, 48)	∂
<hr/>			
<b>U+221A</b>	√	(240, 32)	√
<b>U+221E</b>	∞	(56, 48)	∞
<hr/>			
<b>U+2234</b>	∴	(64, 48)	∴
<b>U+2235</b>	∵	(72, 48)	∵
<hr/>			
<b>U+2282</b>	⊂	(40, 48)	⊂
<b>U+2283</b>	⊃	(48, 48)	⊃
<hr/>			
<b>U+2312</b>	ˆ	(80, 48)	ˆ
<hr/>			
<b>U+25A0</b>	■	(256, 24)	■
<b>U+25A1</b>	□	(288, 24)	□
<hr/>			
<b>U+25B2</b>	▲	(272, 24)	▲
<b>U+25B3</b>	△	(304, 24)	△
<b>U+25BC</b>	▼	(280, 24)	▼
<b>U+25BD</b>	▽	(312, 24)	▽
<hr/>			
<b>U+25C6</b>	◆	(400, 24)	◆
<b>U+25C7</b>	◇	(0, 16)	◇
<b>U+25CB</b>	◯	(296, 24)	◯
<b>U+25CE</b>	◎	(208, 0)	◎
<b>U+25CF</b>	●	(264, 24)	●
<hr/>			
<b>U+2605</b>	★	(80, 0)	★
<b>U+2606</b>	☆	(400, 48)	☆
<hr/>			
<b>U+2640</b>	♀	(192, 48)	♀
<b>U+2642</b>	♂	(200, 48)	♂
<hr/>			
<b>U+2660</b>	♣	(384, 24)	♣

U+2661	♡	(488, 80)	♡
U+2662	◇	(0, 16)	◇
U+2663	♣	(408, 24)	♣
U+2664	♠	(216,102)	♠
U+2665	♥	(392, 24)	♥
U+2666	♦	(400, 24)	♦
U+2667	♣	(496, 80)	♣
U+266A	♪	(128, 0)	♪
U+266D	♭	(216, 48)	♭
U+FF3F	—	(320, 48)	—
U+FF5C		(120, 48)	
U+3000		(256, 0)	Full-width Space
U+3001	、	(288, 16)	、
U+3002	。	(264, 16)	。
U+3003	〃	(288, 48)	〃
U+3005	々	(272, 48)	々
U+3006	ㄨ	(312, 48)	ㄨ
U+3008	〈	(408, 48)	〈
U+3009	〉	(416, 48)	〉
U+300A	《	(424, 48)	《
U+300B	》	(432, 48)	》
U+300C	「	(272, 16)	「
U+300D	」	(280, 16)	」
U+300E	『	(272, 32)	『
U+300F	』	(280, 32)	』
U+3010	【	(384, 48)	【
U+3011	】	(392, 48)	】
U+3012	〒	(184, 48)	〒
U+301C	～	(256, 16)	～
U+301D	”	(264, 48)	”
U+301F	”	(256, 48)	”
U+FF40	˘	(344, 48)	˘

Japanese Characters			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+3041	あ	(312, 32)	あ
U+3042	ぁ	(392, 32)	ぁ
U+3043	い	(320, 32)	い
U+3044	ぃ	(400, 32)	ぃ
U+3045	う	(328, 32)	う
U+3046	ぅ	(408, 32)	ぅ
U+3047	え	(336, 32)	え
U+3048	ぇ	(416, 32)	ぇ
U+3049	お	(344, 32)	お
U+304A	ぉ	(424, 32)	ぉ
U+304B	か	(432, 32)	か
U+304C	が	(256, 40)	が
U+304D	き	(440, 32)	き
U+304E	ぎ	(264, 40)	ぎ
U+304F	く	(448, 32)	く
U+3050	ぐ	(272, 40)	ぐ
U+3051	け	(456, 32)	け
U+3052	げ	(280, 40)	げ
U+3053	こ	(464, 32)	こ
U+3054	ご	(288, 40)	ご
U+3055	さ	(472, 32)	さ
U+3056	ざ	(296, 40)	ざ
U+3057	し	(480, 32)	し
	じ		

U+3058		(304, 40)	じ
U+3059	ず	(488, 32)	ず
U+305A	ず'	(312, 40)	ず'
U+305B	せ	(496, 32)	せ
U+305C	ぜ	(320, 40)	ぜ
U+305D	そ	(504, 32)	そ
U+305E	ぞ'	(328, 40)	ぞ'
U+305F	た	(0, 40)	た
U+3060	だ	(336, 40)	だ
U+3061	ち	(8, 40)	ち
U+3062	ぢ'	(344, 40)	ぢ'
U+3063	っ	(376, 32)	っ
U+3064	っ	(16, 40)	っ
U+3065	づ	(352, 40)	づ
U+3066	て	(24, 40)	て
U+3067	て'	(360, 40)	て'
U+3068	と	(32, 40)	と
U+3069	ど'	(368, 40)	ど'
U+306A	な	(40, 40)	な
U+306B	に	(48, 40)	に
U+306C	ぬ	(56, 40)	ぬ
U+306D	ね	(64, 40)	ね
U+306E	の	(72, 40)	の
U+306F	は	(80, 40)	は
U+3070	ば	(376, 40)	ば
U+3071	ば'	(416, 40)	ば'
U+3072	ひ	(88, 40)	ひ
U+3073	び'	(384, 40)	び'
U+3074	び'	(424, 40)	び'
U+3075	ふ	(96, 40)	ふ
U+3076	ぶ'	(392, 40)	ぶ'
U+3077	ぶ'	(432, 40)	ぶ'
U+3078	へ	(104, 40)	へ
U+3079	べ'	(400, 40)	べ'
U+307A	べ'	(440, 40)	べ'
U+307B	ほ	(112, 40)	ほ
U+307C	ぼ'	(408, 40)	ぼ'
U+307D	ぼ'	(448, 40)	ぼ'
U+307E	ま	(120, 40)	ま
U+307F	み	(128, 40)	み
U+3080	む	(136, 40)	む
U+3081	め	(144, 40)	め
U+3082	も	(152, 40)	も
U+3083	や	(352, 32)	や
U+3084	や	(160, 40)	や
U+3085	ゆ	(360, 32)	ゆ
U+3086	ゆ	(168, 40)	ゆ
U+3087	よ	(368, 32)	よ
U+3088	よ	(176, 40)	よ
U+3089	ら	(184, 40)	ら
U+308A	り	(192, 40)	り
U+308B	る	(200, 40)	る
U+308C	れ	(208, 40)	れ
U+308D	る	(216, 40)	る
U+308E	わ	(232, 32)	わ
U+308F	わ	(224, 40)	わ
U+3092	を	(304, 32)	を
U+3093	ん	(232, 40)	ん
U+309B	ゝ	(240, 40)	ゝ

U+309C	◻	(248, 40)	◻
U+309D	◂	(296, 48)	◂
U+309E	◃	(304, 48)	◃
U+30A1	ア	(312, 16)	ア
U+30A2	ァ	(392, 16)	ァ
U+30A3	イ	(320, 16)	イ
U+30A4	ィ	(400, 16)	ィ
U+30A5	ウ	(328, 16)	ウ
U+30A6	ゥ	(408, 16)	ゥ
U+30A7	エ	(336, 16)	エ
U+30A8	ヱ	(416, 16)	ヱ
U+30A9	オ	(344, 16)	オ
U+30AA	ォ	(424, 16)	ォ
U+30AB	カ	(432, 16)	カ
U+30AC	カ'	(0, 32)	ガ
U+30AD	キ	(440, 16)	キ
U+30AE	キ'	(8, 32)	ギ
U+30AF	ク	(448, 16)	ク
U+30B0	グ	(16, 32)	グ
U+30B1	ケ	(456, 16)	ケ
U+30B2	ゲ	(24, 32)	ゲ
U+30B3	コ	(464, 16)	コ
U+30B4	ゴ	(32, 32)	ゴ
U+30B5	サ	(472, 16)	サ
U+30B6	ザ	(40, 32)	ザ
U+30B7	シ	(480, 16)	シ
U+30B8	ジ	(48, 32)	ジ
U+30B9	ス	(488, 16)	ス
U+30BA	ズ	(56, 32)	ズ
U+30BB	セ	(496, 16)	セ
U+30BC	ゼ	(64, 32)	ゼ
U+30BD	ソ	(504, 16)	ソ
U+30BE	ゾ	(72, 32)	ゾ
U+30BF	タ	(0, 24)	タ
U+30C0	ダ	(80, 32)	ダ
U+30C1	チ	(8, 24)	チ
U+30C2	チ'	(88, 32)	チ
U+30C3	ツ	(376, 16)	ツ
U+30C4	ヅ	(16, 24)	ヅ
U+30C5	ヅ'	(96, 32)	ヅ
U+30C6	テ	(24, 24)	テ
U+30C7	テ'	(104, 32)	テ
U+30C8	ト	(32, 24)	ト
U+30C9	ト''	(112, 32)	ト
U+30CA	ナ	(40, 24)	ナ
U+30CB	ニ	(48, 24)	ニ
U+30CC	ヌ	(56, 24)	ヌ
U+30CD	ネ	(64, 24)	ネ
U+30CE	ノ	(72, 24)	ノ
U+30CF	ハ	(80, 24)	ハ
U+30D0	パ	(120, 32)	パ
U+30D1	パ'	(160, 32)	パ
U+30D2	ピ	(88, 24)	ピ
U+30D3	ピ'	(128, 32)	ピ
U+30D4	ピ''	(168, 32)	ピ
U+30D5	フ	(96, 24)	フ
U+30D6	フ'	(136, 32)	フ
U+30D7	フ''	(176, 32)	フ
U+30D8	ヘ	(104, 24)	ヘ

U+30D9	ヷ	(144, 32)	ヷ
U+30DA	ヸ	(184, 32)	ヸ
U+30DB	ヹ	(112, 24)	ヹ
U+30DC	ヺ	(152, 32)	ヺ
U+30DD	・	(192, 32)	・
U+30DE	ー	(120, 24)	ー
U+30DF	ヽ	(128, 24)	ヽ
U+30E0	ム	(136, 24)	ム
U+30E1	メ	(144, 24)	メ
U+30E2	モ	(152, 24)	モ
U+30E3	ヤ	(352, 16)	ヤ
U+30E4	ヱ	(160, 24)	ヱ
U+30E5	ユ	(360, 16)	ユ
U+30E6	ユ	(168, 24)	ユ
U+30E7	ヨ	(368, 16)	ヨ
U+30E8	ヨ	(176, 24)	ヨ
U+30E9	ラ	(184, 24)	ラ
U+30EA	リ	(192, 24)	リ
U+30EB	ル	(200, 24)	ル
U+30EC	レ	(208, 24)	レ
U+30ED	ロ	(216, 24)	ロ
U+30EE	ワ	(224, 32)	ワ
U+30EF	ヾ	(224, 24)	ヾ
U+30F2	ヲ	(304, 16)	ヲ
U+30F3	ン	(232, 24)	ン
U+30F4	ヅ	(200, 32)	ヅ
U+30F5	カ	(208, 32)	カ
U+30F6	ケ	(216, 32)	ケ
U+30FB	・	(296, 16)	・
U+30FC	ー	(384, 16)	ー
U+4EDD	全	(280, 48)	全

Box Drawing			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+2534	┃	(128, 16)	┃
U+252C	┃	(136, 16)	┃
U+251C	┃	(144, 16)	┃
U+253C	┃	(152, 16)	┃
U+2524	┃	(160, 16)	┃
U+2500	━	(168, 16)	━
U+2502	┃	(176, 16)	┃
U+250C	┃	(192, 16)	┃
U+2510	┃	(200, 16)	┃
U+2514	┃	(208, 16)	┃
U+2518	┃	(216, 16)	┃
U+2576	━	(168, 96)	Short line - Right aligned
U+2577	┃	(176, 96)	Short line - Lower aligned
U+2574	━	(184, 96)	Short line - Left aligned
U+2575	┃	(192, 96)	Short line - Upper aligned
U+253B	┃	(200, 96)	Double-line ┃
U+2533	┃	(208, 96)	Double-line ┃
U+2523	┃	(216, 96)	Double-line ┃
U+254B	┃	(224, 96)	Double-line ┃
U+252B	┃	(232, 96)	Double-line ┃
U+2501	━	(240, 96)	Double-line ━
U+2503	┃	(248, 96)	Double-line ┃
U+250F	┃	(256, 96)	Double-line ┃
U+2513	┃	(264, 96)	Double-line ┃
U+2517	┃	(272, 96)	Double-line ┃

<b>U+251B</b>	ㄱ	(280, 96)	Double-line ㄱ
<b>U+257A</b>	ㄴ	(288, 96)	Double-line - Short Right
<b>U+257B</b>	ㄷ	(296, 96)	Double-line - Short Lower
<b>U+2578</b>	ㄹ	(304, 96)	Double-line Short Left
<b>U+2579</b>	ㅁ	(312, 96)	Double-line Short Upper
<hr/>			
<b>U+2537</b>	ㄷ	(320, 96)	Composite-line ㄷ
<b>U+252F</b>	ㄸ	(328, 96)	Composite-line ㄸ
<b>U+2538</b>	ㄹ	(336, 96)	Composite-line ㄹ
<b>U+2530</b>	ㅁ	(344, 96)	Composite-line ㅁ
<b>U+2520</b>	ㅂ	(352, 96)	Composite-line ㅂ
<b>U+2542</b>	ㅅ	(360, 96)	Composite-line ㅅ
<b>U+2528</b>	ㅆ	(368, 96)	Composite-line ㅆ
<b>U+251D</b>	ㅈ	(376, 96)	Composite-line ㅈ
<b>U+253F</b>	ㅊ	(384, 96)	Composite-line ㅊ
<b>U+2525</b>	ㅋ	(392, 96)	Composite-line ㅋ






Line Numbers (Not UNICODE compatible)			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+E100</b>	0	(0,112)	*0
<b>U+E101</b>	1	(8,112)	*1
<b>U+E102</b>	2	(16,112)	*2
<b>U+E103</b>	3	(24,112)	*3
<b>U+E104</b>	4	(32,112)	*4
<b>U+E105</b>	5	(40,112)	*5
<b>U+E106</b>	6	(48,112)	*6
<b>U+E107</b>	7	(56,112)	*7
<b>U+E108</b>	8	(64,112)	*8
<b>U+E109</b>	9	(72,112)	*9
<b>U+E10A</b>	10	(80,112)	10
<b>U+E10B</b>	11	(88,112)	11
<b>U+E10C</b>	12	(96,112)	12
<b>U+E10D</b>	13	(104,112)	13
<b>U+E10E</b>	14	(112,112)	14
<b>U+E10F</b>	15	(120,112)	15
<hr/>			
<b>U+E110</b>	16	(128,112)	16
<b>U+E111</b>	17	(136,112)	17
<b>U+E112</b>	18	(144,112)	18
<b>U+E113</b>	19	(152,112)	19
<b>U+E114</b>	20	(160,112)	20
<b>U+E115</b>	21	(168,112)	21
<b>U+E116</b>	22	(176,112)	22
<b>U+E117</b>	23	(184,112)	23
<b>U+E118</b>	24	(192,112)	24
<b>U+E119</b>	25	(200,112)	25
<b>U+E11A</b>	26	(208,112)	26
<b>U+E11B</b>	27	(216,112)	27
<b>U+E11C</b>	28	(224,112)	28
<b>U+E11D</b>	29	(232,112)	29
<b>U+E11E</b>	30	(240,112)	30
<b>U+E11F</b>	31	(248,112)	31
<hr/>			
<b>U+E120</b>	32	(256,112)	32
<b>U+E121</b>	33	(264,112)	33
<b>U+E122</b>	34	(272,112)	34
<b>U+E123</b>	35	(280,112)	35
<b>U+E124</b>	36	(288,112)	36
<b>U+E125</b>	37	(296,112)	37
<b>U+E126</b>	38	(304,112)	38
<b>U+E127</b>	39	(312,112)	39
<b>U+E128</b>	40	(320,112)	40
<b>U+E129</b>	41	(328,112)	41

U+E12A	QE	(336,112)	42
U+E12B	QE	(344,112)	43
U+E12C	QE	(352,112)	44
U+E12D	QE	(360,112)	45
U+E12E	QE	(368,112)	46
U+E12F	QE	(376,112)	47
U+E130	QE	(384,112)	48
U+E131	QE	(392,112)	49
U+E132	QE	(400,112)	50
U+E133	QE	(408,112)	51
U+E134	QE	(416,112)	52
U+E135	QE	(424,112)	53
U+E136	QE	(432,112)	54
U+E137	QE	(440,112)	55
U+E138	QE	(448,112)	56
U+E139	QE	(456,112)	57
U+E13A	QE	(464,112)	58
U+E13B	QE	(472,112)	59
U+E13C	QE	(480,112)	60
U+E13D	QE	(488,112)	61
U+E13E	QE	(496,112)	62
U+E13F	QE	(504,112)	63
U+E140	QE	(0,120)	64
U+E141	QE	(8,120)	65
U+E142	QE	(16,120)	66
U+E143	QE	(24,120)	67
U+E144	QE	(32,120)	68
U+E145	QE	(40,120)	69
U+E146	QE	(48,120)	70
U+E147	QE	(56,120)	71
U+E148	QE	(64,120)	72
U+E149	QE	(72,120)	73
U+E14A	QE	(80,120)	74
U+E14B	QE	(88,120)	75
U+E14C	QE	(96,120)	76
U+E14D	QE	(104,120)	77
U+E14E	QE	(112,120)	78
U+E14F	QE	(120,120)	79
U+E150	QE	(128,120)	80
U+E151	QE	(136,120)	81
U+E152	QE	(144,120)	82
U+E153	QE	(152,120)	83
U+E154	QE	(160,120)	84
U+E155	QE	(168,120)	85
U+E156	QE	(176,120)	86
U+E157	QE	(184,120)	87
U+E158	QE	(192,120)	88
U+E159	QE	(200,120)	89
U+E15A	QE	(208,120)	90
U+E15B	QE	(216,120)	91
U+E15C	QE	(224,120)	92
U+E15D	QE	(232,120)	93
U+E15E	QE	(240,120)	94
U+E15F	QE	(248,120)	95
U+E160	QE	(256,120)	96
U+E161	QE	(264,120)	97
U+E162	QE	(272,120)	98
U+E163	QE	(280,120)	99



U+E164		(288,120)	00
U+E165		(296,120)	01
U+E166		(304,120)	02
U+E167		(312,120)	03
U+E168		(320,120)	04
U+E169		(328,120)	05
U+E16A		(336,120)	06
U+E16B		(344,120)	07
U+E16C		(352,120)	08
U+E16D		(360,120)	09
U+E16E		(368,120)	**
U+E16F		(376,120)	> Closed Bracket
<hr/>			
U+E170		(384,120)	0*
U+E171		(392,120)	1*
U+E172		(400,120)	2*
U+E173		(408,120)	3*
U+E174		(416,120)	4*
U+E175		(424,120)	5*
U+E176		(432,120)	6*
U+E177		(440,120)	7*
U+E178		(448,120)	8*
U+E179		(456,120)	9*
U+E17A		(464,120)	Background for numbers displayed horizontally
U+E17B		(472,120)	Unused < ※ Closed bracket for left-end
U+E17C	×	(480,120)	Unused
U+E17D	×	(488,120)	Unused
U+E17E		(496,120)	■ At a line break w/o numbers
U+E17F		(504,120)	) Closed bracket at a line break

Emoji A for a backward compatibility (Original Character Code + 0xE200)			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+E200		(256, 0)	Space
U+E201		(8, 0)	A button
U+E202		(16, 0)	B button
U+E203		(24, 0)	Brick Wall
U+E204		(32, 0)	Fighter 1
U+E205		(40, 0)	Fighter 2
U+E206		(48, 0)	Enemy 1
U+E207		(56, 0)	Black Face
U+E208		(64, 0)	White Face
U+E209	→	(72, 0)	TAB Symbol
U+E20A	★	(80, 0)	★
U+E20B		(88, 0)	Finger
U+E20C		(96, 0)	L button
U+E20D	↵	(104, 0)	Line Break Symbol
U+E20E		(112, 0)	UFO
U+E20F		(120, 0)	Enemy 2
<hr/>			
U+E210		(128, 0)	♪
U+E211		(136, 0)	♪
U+E212		(144, 0)	R button
U+E213		(152, 0)	Control Pad
U+E214		(160, 0)	Clock
U+E215	⋯	(168, 0)	Dotted-line Angled
U+E216	⋯	(176, 0)	Dotted-line Horizontal
U+E217	⋮	(184, 0)	Dotted-line Vertical
U+E218		(192, 0)	X button
U+E219		(200, 0)	Y button
U+E21A		(208, 0)	◎

<b>U+E21B</b>		(216, 0)	Snake
<b>U+E21C</b>		(224, 0)	→
<b>U+E21D</b>		(232, 0)	←
<b>U+E21E</b>		(240, 0)	↑
<b>U+E21F</b>		(248, 0)	↓



New Emoji A			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+E220</b>		(0, 96)	Upper Ring
<b>U+E221</b>		(8, 96)	Back Arrow
<b>U+E222</b>		(16, 96)	Smiling Face
<b>U+E223</b>		(24, 96)	Dissatisfied Face
<b>U+E224</b>		(32, 96)	Surprised Face
<b>U+E225</b>		(40, 96)	Stick
<b>U+E226</b>		(48, 96)	Thick O
<b>U+E227</b>		(56, 96)	Thick x
<b>U+E228</b>		(64, 96)	Surrounded -
<b>U+E229</b>		(72, 96)	Surrounded +
<b>U+E22A</b>		(80, 96)	Surrounded
<b>U+E22B</b>		(88, 96)	Surrounded Checkbox
<b>U+E22C</b>		(96, 96)	Surrounded Printed
<b>U+E22D</b>		(104, 96)	● Recording
<b>U+E22E</b>		(112, 96)	> Playback
<b>U+E22F</b>		(120, 96)	Pause
<b>U+E230</b>		(128, 96)	■ Stop
<b>U+E231</b>		(136, 96)	<< Rewind
<b>U+E232</b>		(144, 96)	>> Fast Forward
<b>U+E233</b>		(152, 96)	< Skip to the start
<b>U+E234</b>		(160, 96)	>  Skip to the end
<b>U+E235</b>		(440, 48)	Right ▲
<b>U+E236</b>		(400, 56)	Left ▲
<b>U+E237</b>		(496, 64)	Right △
<b>U+E238</b>		(248, 80)	Left △
<b>U+E239</b>		(216, 104)	Spade (outlined)
<b>U+E23A</b>		(168, 104)	Dice 1
<b>U+E23B</b>		(176, 104)	Dice 2
<b>U+E23C</b>		(184, 104)	Dice 3
<b>U+E23D</b>		(192, 104)	Dice 4
<b>U+E23E</b>		(200, 104)	Dice 5
<b>U+E23F</b>		(208, 104)	Dice 6
<b>U+E240</b>	·	(0, 104)	GRID 0
<b>U+E241</b>	··	(8, 104)	GRID 1
<b>U+E242</b>	⋮	(16, 104)	GRID 2
<b>U+E243</b>	⋯	(24, 104)	GRID 3
<b>U+E244</b>	⋰	(32, 104)	GRID 4
<b>U+E245</b>	⋱	(40, 104)	GRID 5
<b>U+E246</b>	⋲	(48, 104)	GRID 6
<b>U+E247</b>	⋳	(56, 104)	GRID 7
<b>U+E248</b>	⋴	(64, 104)	GRID 8
<b>U+E249</b>	⋵	(72, 104)	GRID 9
<b>U+E24A</b>		(80, 104)	0 - Black on white
<b>U+E24B</b>		(88, 104)	1 - Black on white
<b>U+E24C</b>		(96, 104)	2 - Black on white
<b>U+E24D</b>		(104, 104)	3 - Black on white
<b>U+E24E</b>		(112, 104)	4 - Black on white
<b>U+E24F</b>		(120, 104)	5 - Black on white
<b>U+E250</b>		(128, 104)	6 - Black on white
<b>U+E251</b>		(136, 104)	7 - Black on white
<b>U+E252</b>		(144, 104)	8 - Black on white
<b>U+E253</b>		(152, 104)	9 - Black on white

U+E254	🙁	(160,104)	Closed eye
U+E255	🎲	(168,104)	Dice 1
U+E256	🎲	(176,104)	Dice 2
U+E257	🎲	(184,104)	Dice 3
U+E258	🎲	(192,104)	Dice 4
U+E259	🎲	(200,104)	Dice 5
U+E25A	🎲	(208,104)	Dice 6
<hr/>			
U+E260	—	(168, 96)	Short line - Right aligned
U+E261	┆	(176, 96)	Short line - Lower aligned
U+E262	—	(184, 96)	Short line - Left aligned
U+E263	┆	(192, 96)	Short line - Upper aligned
U+E264	≡	(200, 96)	Double-line ≡
U+E265	≡	(208, 96)	Double-line ≡
U+E266	≡	(216, 96)	Double-line ≡
U+E267	≡	(224, 96)	Double-line ≡
U+E268	≡	(232, 96)	Double-line ≡
U+E269	≡	(240, 96)	Double-line ≡
U+E26A	≡	(248, 96)	Double-line ≡
U+E26B	≡	(256, 96)	Double-line ≡
U+E26C	≡	(264, 96)	Double-line ≡
U+E26D	≡	(272, 96)	Double-line ≡
U+E26E	≡	(280, 96)	Double-line ≡
U+E26F	≡	(288, 96)	Double-line Short - Right
<hr/>			
U+E270	≡	(296, 96)	Double-line Short - Lower
U+E271	≡	(304, 96)	Double-line Short - Left
U+E272	≡	(312, 96)	Double-line Short - Upper
U+E273	≡	(320, 96)	Composite-line ≡
U+E274	≡	(328, 96)	Composite-line ≡
U+E275	≡	(336, 96)	Composite-line ≡
U+E276	≡	(344, 96)	Composite-line ≡
U+E277	≡	(352, 96)	Composite-line ≡
U+E278	≡	(360, 96)	Composite-line ≡
U+E279	≡	(368, 96)	Composite-line ≡
U+E27A	≡	(376, 96)	Composite-line ≡
U+E27B	≡	(384, 96)	Composite-line ≡
U+E27C	≡	(392, 96)	Composite-line ≡
U+E27D	↩	(8, 96)	Back Arrow
U+E27E	☐	(80, 96)	Checkbox
U+E27F	☑	(88, 96)	Checkbox (Checked)

Emoji B for a backward compatibility (Original Character Code + 0xE200)			
Code Point	Appearance	(X and Y coordinates)	Remarks
U+E280	◊	(0, 16)	◊
U+E281	▪	(8, 16)	4x4 Upper Left
U+E282	▪	(16, 16)	4x4 Upper Right
U+E283	▪▪	(24, 16)	4x4 Upper Left & Right
U+E284	▪	(32, 16)	4x4 Lower Left
U+E285	▪	(40, 16)	4x4 Upper & Lower Left
U+E286	▪	(48, 16)	4x4 Lower Left & Upper Right
U+E287	▪▪	(56, 16)	4x4 Upper Left, Right & Lower Left
U+E288	▪	(64, 16)	4x4 Lower Right
U+E289	▪	(72, 16)	4x4 Upper Left & Lower Right
U+E28A	▪	(80, 16)	4x4 Upper & Lower Right
U+E28B	▪▪	(88, 16)	4x4 Upper Left, Right and Lower Right
U+E28C	▪▪	(96, 16)	4x4 Lower Left & Right
U+E28D	▪▪	(104, 16)	4x4 Upper Left, Lower Left & Right
U+E28E	▪▪	(112, 16)	4x4 Upper, Lower Right ,Left & Right

<b>U+E28F</b>	☒	(120, 16)	4x4 All
<b>U+E290</b>	⊥	(128, 16)	⊥
<b>U+E291</b>	⊥	(136, 16)	⊥
<b>U+E292</b>	⊥	(144, 16)	⊥
<b>U+E293</b>	⊥	(152, 16)	⊥
<b>U+E294</b>	⊥	(160, 16)	⊥
<b>U+E295</b>	⊥	(168, 16)	⊥
<b>U+E296</b>	⊥	(176, 16)	⊥
<b>U+E297</b>	■	(184, 16)	■ Fully Filled
<b>U+E298</b>	┌	(192, 16)	┌
<b>U+E299</b>	┐	(200, 16)	┐
<b>U+E29A</b>	└	(208, 16)	└
<b>U+E29B</b>	┘	(216, 16)	┘
<b>U+E29C</b>	↙	(224, 16)	↙
<b>U+E29D</b>	↘	(232, 16)	↘
<b>U+E29E</b>	↙	(240, 16)	↙
<b>U+E29F</b>	↘	(248, 16)	↘

New Emoji B			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+E2A0</b>		(256, 104)	Upper Gauge 0
<b>U+E2A1</b>	—	(264, 104)	Upper Gauge 1
<b>U+E2A2</b>	—	(272, 104)	Upper Gauge 2
<b>U+E2A3</b>	—	(280, 104)	Upper Gauge 3
<b>U+E2A4</b>	—	(288, 104)	Upper Gauge 4
<b>U+E2A5</b>	—	(296, 104)	Upper Gauge 5
<b>U+E2A6</b>	—	(304, 104)	Upper Gauge 6
<b>U+E2A7</b>	—	(312, 104)	Upper Gauge 7
<b>U+E2A8</b>	—	(320, 104)	Upper Gauge 8
<b>U+E2A9</b>		(328, 104)	Right Gauge 0
<b>U+E2AA</b>		(336, 104)	Right Gauge 1
<b>U+E2AB</b>		(344, 104)	Right Gauge 2
<b>U+E2AC</b>		(352, 104)	Right Gauge 3
<b>U+E2AD</b>		(360, 104)	Right Gauge 4
<b>U+E2AE</b>		(368, 104)	Right Gauge 5
<b>U+E2AF</b>		(376, 104)	Right Gauge 6
<b>U+E2B0</b>	■	(384, 104)	Right Gauge 7
<b>U+E2B1</b>	■	(392, 104)	Right Gauge 8
<b>U+E2B2</b>	.	(0, 104)	GRID 0
<b>U+E2B3</b>	..	(8, 104)	GRID 1
<b>U+E2B4</b>	⋮	(16, 104)	GRID 2
<b>U+E2B5</b>	⋮	(24, 104)	GRID 3
<b>U+E2B6</b>	⋮	(32, 104)	GRID 4
<b>U+E2B7</b>	⋮	(40, 104)	GRID 5
<b>U+E2B8</b>	⋮	(48, 104)	GRID 6
<b>U+E2B9</b>	⋮	(56, 104)	GRID 7
<b>U+E2BA</b>	⋮	(64, 104)	GRID 8
<b>U+E2BB</b>	⋮	(72, 104)	GRID 9
<b>U+E2BC</b>	😊	(16, 96)	Smiling Face
<b>U+E2BD</b>	😞	(24, 96)	Dissatisfied Face
<b>U+E2BE</b>	😮	(32, 96)	Surprised Face
<b>U+E2BF</b>	🙄	(160, 104)	Closed Eye
<b>U+E2C0</b>	▣	(80, 104)	0 - Black on white
<b>U+E2C1</b>	▣	(88, 104)	1 - Black on white
<b>U+E2C2</b>	▣	(96, 104)	2 - Black on white
<b>U+E2C3</b>	▣	(104, 104)	3 - Black on white
<b>U+E2C4</b>	▣	(112, 104)	4 - Black on white
<b>U+E2C5</b>	▣	(120, 104)	5 - Black on white
<b>U+E2C6</b>	▣	(128, 104)	6 - Black on white
<b>U+E2C7</b>	▣	(136, 104)	7 - Black on white

<b>U+E2C8</b>		(144, 104)	8 - Black on white
<b>U+E2C9</b>		(152, 104)	9 - Black on white

<b>Emoji C for a backward compatibility (Original Character Code + 0xE200)</b>			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+E2E0</b>		(256, 24)	■
<b>U+E2E1</b>		(264, 24)	●
<b>U+E2E2</b>		(272, 24)	▲
<b>U+E2E3</b>		(280, 24)	▼
<b>U+E2E4</b>		(288, 24)	□
<b>U+E2E5</b>		(296, 24)	○
<b>U+E2E6</b>		(304, 24)	△
<b>U+E2E7</b>		(312, 24)	▽
<b>U+E2E8</b>		(320, 24)	House
<b>U+E2E9</b>		(328, 24)	Apple
<b>U+E2EA</b>		(336, 24)	Door
<b>U+E2EB</b>		(344, 24)	Key
<b>U+E2EC</b>		(352, 24)	Car ↑
<b>U+E2ED</b>		(360, 24)	Car →
<b>U+E2EE</b>		(368, 24)	Car ↓
<b>U+E2EF</b>		(376, 24)	Car ←
<hr/>			
<b>U+E2F0</b>		(384, 24)	Spade
<b>U+E2F1</b>		(392, 24)	Heart
<b>U+E2F2</b>		(400, 24)	Diamond
<b>U+E2F3</b>		(408, 24)	Clover
<b>U+E2F4</b>		(416, 24)	Human ↑
<b>U+E2F5</b>		(424, 24)	Human →
<b>U+E2F6</b>		(432, 24)	Human ↓
<b>U+E2F7</b>		(440, 24)	Human ←
<b>U+E2F8</b>		(448, 24)	Upper Line
<b>U+E2F9</b>		(456, 24)	Left Line
<b>U+E2FA</b>		(464, 24)	Right Line
<b>U+E2FB</b>		(472, 24)	Lower Line
<b>U+E2FC</b>		(480, 24)	/
<b>U+E2FD</b>		(488, 24)	\
<b>U+E2FE</b>		(496, 24)	x
<b>U+E2FF</b>		(504, 24)	Tile

<b>Half-width Characters (rarely used)</b>			
Code Point	Appearance	(X and Y coordinates)	Remarks
<b>U+FF00</b>		(256, 0)	Half-width Space
<b>U+FF01</b>	!	(264, 0)	!
<b>U+FF02</b>	"	(272, 0)	"
<b>U+FF03</b>	#	(280, 0)	#
<b>U+FF04</b>	\$	(288, 0)	\$
<b>U+FF05</b>	%	(296, 0)	%
<b>U+FF06</b>	&	(304, 0)	&
<b>U+FF07</b>	'	(312, 0)	'
<b>U+FF08</b>	(	(320, 0)	(
<b>U+FF09</b>	)	(328, 0)	)
<b>U+FF0A</b>	*	(336, 0)	*
<b>U+FF0B</b>	+	(344, 0)	+
<b>U+FF0C</b>	,	(352, 0)	,
<b>U+FF0D</b>	-	(360, 0)	-
<b>U+FF0E</b>	.	(368, 0)	.
<b>U+FF0F</b>	/	(376, 0)	/
<hr/>			
<b>U+FF10</b>	0	(384, 0)	0
<b>U+FF11</b>	1	(392, 0)	1
<b>U+FF12</b>	2	(400, 0)	2
<b>U+FF13</b>	3	(408, 0)	3

<b>U+FF14</b>	<b>4</b>	(416, 0)	4
<b>U+FF15</b>	<b>5</b>	(424, 0)	5
<b>U+FF16</b>	<b>6</b>	(432, 0)	6
<b>U+FF17</b>	<b>7</b>	(440, 0)	7
<b>U+FF18</b>	<b>8</b>	(448, 0)	8
<b>U+FF19</b>	<b>9</b>	(456, 0)	9
<b>U+FF1A</b>	<b>:</b>	(464, 0)	:
<b>U+FF1B</b>	<b>;</b>	(472, 0)	;
<b>U+FF1C</b>	<b>&lt;</b>	(480, 0)	<
<b>U+FF1D</b>	<b>=</b>	(488, 0)	=
<b>U+FF1E</b>	<b>&gt;</b>	(496, 0)	>
<b>U+FF1F</b>	<b>?</b>	(504, 0)	?
<hr/>			
<b>U+FF20</b>	<b>@</b>	(0, 8)	@
<b>U+FF21</b>	<b>A</b>	(8, 8)	A
<b>U+FF22</b>	<b>B</b>	(16, 8)	B
<b>U+FF23</b>	<b>C</b>	(24, 8)	C
<b>U+FF24</b>	<b>D</b>	(32, 8)	D
<b>U+FF25</b>	<b>E</b>	(40, 8)	E
<b>U+FF26</b>	<b>F</b>	(48, 8)	F
<b>U+FF27</b>	<b>G</b>	(56, 8)	G
<b>U+FF28</b>	<b>H</b>	(64, 8)	H
<b>U+FF29</b>	<b>I</b>	(72, 8)	I
<b>U+FF2A</b>	<b>J</b>	(80, 8)	J
<b>U+FF2B</b>	<b>K</b>	(88, 8)	K
<b>U+FF2C</b>	<b>L</b>	(96, 8)	L
<b>U+FF2D</b>	<b>M</b>	(104, 8)	M
<b>U+FF2E</b>	<b>N</b>	(112, 8)	N
<b>U+FF2F</b>	<b>O</b>	(120, 8)	O
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<b>U+FF30</b>	<b>P</b>	(128, 8)	P
<b>U+FF31</b>	<b>Q</b>	(136, 8)	Q
<b>U+FF32</b>	<b>R</b>	(144, 8)	R
<b>U+FF33</b>	<b>S</b>	(152, 8)	S
<b>U+FF34</b>	<b>T</b>	(160, 8)	T
<b>U+FF35</b>	<b>U</b>	(168, 8)	U
<b>U+FF36</b>	<b>V</b>	(176, 8)	V
<b>U+FF37</b>	<b>W</b>	(184, 8)	W
<b>U+FF38</b>	<b>X</b>	(192, 8)	X
<b>U+FF39</b>	<b>Y</b>	(200, 8)	Y
<b>U+FF3A</b>	<b>Z</b>	(208, 8)	Z
<b>U+FF3B</b>	<b>[</b>	(216, 8)	[
<b>U+FF3C</b>	<b>\</b>	(224, 8)	\
<b>U+FF3D</b>	<b>]</b>	(232, 8)	]
<b>U+FF3E</b>	<b>^</b>	(240, 8)	^
<b>U+FF3F</b>	<b>_</b>	(248, 8)	_
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<b>U+FF40</b>	<b>`</b>	(256, 8)	`
<b>U+FF41</b>	<b>a</b>	(264, 8)	a
<b>U+FF42</b>	<b>b</b>	(272, 8)	b
<b>U+FF43</b>	<b>c</b>	(280, 8)	c
<b>U+FF44</b>	<b>d</b>	(288, 8)	d
<b>U+FF45</b>	<b>e</b>	(296, 8)	e
<b>U+FF46</b>	<b>f</b>	(304, 8)	f
<b>U+FF47</b>	<b>g</b>	(312, 8)	g
<b>U+FF48</b>	<b>h</b>	(320, 8)	h
<b>U+FF49</b>	<b>i</b>	(328, 8)	i
<b>U+FF4A</b>	<b>j</b>	(336, 8)	j
<b>U+FF4B</b>	<b>k</b>	(344, 8)	k
<b>U+FF4C</b>	<b>l</b>	(352, 8)	l
<b>U+FF4D</b>	<b>m</b>	(360, 8)	m
<b>U+FF4E</b>	<b>n</b>	(368, 8)	n

<b>U+FF4F</b>	o	(376, 8)	o
<b>U+FF50</b>	p	(384, 8)	p
<b>U+FF51</b>	q	(392, 8)	q
<b>U+FF52</b>	r	(400, 8)	r
<b>U+FF53</b>	s	(408, 8)	s
<b>U+FF54</b>	t	(416, 8)	t
<b>U+FF55</b>	u	(424, 8)	u
<b>U+FF56</b>	v	(432, 8)	v
<b>U+FF57</b>	w	(440, 8)	w
<b>U+FF58</b>	x	(448, 8)	x
<b>U+FF59</b>	y	(456, 8)	y
<b>U+FF5A</b>	z	(464, 8)	z
<b>U+FF5B</b>	{	(472, 8)	{
<b>U+FF5C</b>		(120, 48)	
<b>U+FF5D</b>	}	(488, 8)	}
<b>U+FF5E</b>	~	(256, 16)	~