






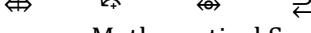


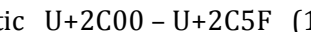
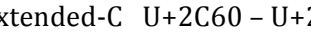
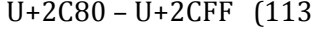
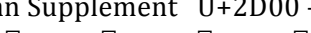
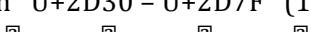
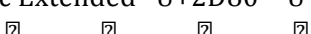










C0 Controls and Basic Latin	U+0000 – U+007F	(0–127)	
!	5	A	a
C1 Controls and Latin-1 Supplement	U+0080 – U+00FF	(128–255)	
¥	¼	Ñ	ñ
Latin Extended-A	U+0100 – U+017F	(256–383)	
Ą	ą	IJ	ij
Latin Extended-B	U+0180 – U+024F	(384–591)	
Ə	Ɛ	h	z
IPA Extensions	U+0250 – U+02AF	(592–687)	
đ	ø	ł	ω
Spacing Modifier Letters	U+02B0 – U+02FF	(688–767)	
ˆ	˘	˙	˚
Combining Diacritical Marks	U+0300 – U+036F	(768–879)	
ο’	δ	σ	ω
Greek	U+0370 – U+03FF	(880–1023)	
Υ	Δ	δ	λ
Cyrillic	U+0400 – U+04FF	(1024–1279)	
Љ	Ш	ш	Ѱ
Cyrillic Supplement	U+0500 – U+052F	(1280–1327)	
Ԁ	Ձ	Լ	Յ
Armenian	U+0530 – U+058F	(1328–1423)	
Ɑ	Ɱ	Ɐ	Ɒ
Hebrew	U+0590 – U+05FF	(1424–1535)	
׀	א	ב	י
Arabic	U+0600 – U+06FF	(1536–1791)	
؟	ب	ز	ر
Syriac	U+0700 – U+074F	(1792–1871)	
Ⲁ	Ⲃ	Ⲅ	Ⲇ
Thaana	U+0780 – U+07BF	(1920–1983)	
ᲀ	ᲂ	ᲄ	ᲆ
N’Ko	U+07C0 – U+07FF	(1984–2047)	
Რ	Ს	Ტ	Უ
Samaritan	U+0800 – U+083F	(2048–2111)	
Ფ	Ქ	Ღ	Ყ
Arabic Extended-A	U+08A0 – U+08FF	(2208–2303)	
Მ	Ნ	Ო	Პ
Devanagari	U+0900 – U+097F	(2304–2431)	
□□	ॐ	□□	ॐ
Bengali	U+0980 – U+09FF	(2432–2559)	
□□	৐	৑	৒
Gurmukhi	U+0A00 – U+0A7F	(2560–2687)	
□□	ॐ	॑	॒
Gujarati	U+0A80 – U+0AFF	(2688–2815)	
□□	ॐ	□□	॑
Oriya	U+0B00 – U+0B7F	(2816–2943)	
ଅ	ଐ	ଓ	ଣ
Tamil	U+0B80 – U+0BFF	(2944–3071)	
஁	அ	ஂ	ஃ
Telugu	U+0C00 – U+0C7F	(3072–3199)	

Kannada	ಅಃ ಓ ಌ ಳ	U+0C80 – U+0CFF	(3200–3327)
	□ □ ? □ □ ?		
Malayalam	ഠ ഡ ള ഴ	U+0D00 – U+0D7F	(3328–3455)
	ഠ ഡ ള ഴ		
Sinhala	කං ඵ කඩ ො	U+0D80 – U+0DFF	(3456–3583)
	කං ඵ කඩ ො		
Thai	ก ฃ กข กฃ	U+0E00 – U+0E7F	(3584–3711)
	ก ฃ กข กฃ		
Lao	ກ ຈ ງ ຜ	U+0E80 – U+0EFF	(3712–3839)
	ກ ຈ ງ ຜ		
Tibetan	ཨ ས ར ལ	U+0F00 – U+0FBF	(3840–4031)
	ཨ ས ར ལ		
Myanmar	က ဝ ဘ ဌ	U+1000 – U+109F	(4096–4255)
	က ဝ ဘ ဌ		
Georgian	ა ბ გ დ	U+10A0 – U+10FF	(4256–4351)
	ა ბ გ დ		
Hangul Jamo	ㅏ ㅑ ㅓ ㅕ	U+1100 – U+11FF	(4352–4607)
	ㅏ ㅑ ㅓ ㅕ		
Ethiopic	ሀ ለ ሐ ከ	U+1200 – U+137F	(4608–4991)
	ሀ ለ ሐ ከ		
Cherokee	Ꭰ Ꭱ Ꭲ Ꭳ	U+13A0 – U+13FF	(5024–5119)
	Ꭰ Ꭱ Ꭲ Ꭳ		
Unified Canadian Aboriginal Syllabics	ᐁ ᐃ ᐅ ᐇ	U+1400 – U+167F	(5120–5759)
	ᐁ ᐃ ᐅ ᐇ		
Ogham	ᐁ ᐃ ᐅ ᐇ	U+1680 – U+169F	(5760–5791)
	ᐁ ᐃ ᐅ ᐇ		
Runic	ᐁ ᐃ ᐅ ᐇ	U+16A0 – U+16FF	(5792–5887)
	ᐁ ᐃ ᐅ ᐇ		
Tagalog	ᐁ ᐃ ᐅ ᐇ	U+1700 – U+171F	(5888–5919)
	ᐁ ᐃ ᐅ ᐇ		
Hanunóo	ᐁ ᐃ ᐅ ᐇ	U+1720 – U+173F	(5920–5951)
	ᐁ ᐃ ᐅ ᐇ		
Buhid	ᐁ ᐃ ᐅ ᐇ	U+1740 – U+175F	(5952–5983)
	ᐁ ᐃ ᐅ ᐇ		
Tagbanwa	ᐁ ᐃ ᐅ ᐇ	U+1760 – U+177F	(5984–6015)
	ᐁ ᐃ ᐅ ᐇ		
Khmer	ᐁ ᐃ ᐅ ᐇ	U+1780 – U+17FF	(6016–6143)
	ᐁ ᐃ ᐅ ᐇ		
Mongolian	ᐁ ᐃ ᐅ ᐇ	U+1800 – U+18AF	(6144–6319)
	ᐁ ᐃ ᐅ ᐇ		
Unified Canadian Aboriginal Syllabics Extended	ᐁ ᐃ ᐅ ᐇ	U+18B0 – U+18FF	(6320–6399)
	ᐁ ᐃ ᐅ ᐇ		
Limbu	ᐁ ᐃ ᐅ ᐇ	U+1900 – U+194F	(6400–6479)
	ᐁ ᐃ ᐅ ᐇ		
Tai Le	ᐁ ᐃ ᐅ ᐇ	U+1950 – U+197F	(6480–6527)
	ᐁ ᐃ ᐅ ᐇ		
Khmer Symbols	ᐁ ᐃ ᐅ ᐇ	U+19E0 – U+19FF	(6624–6655)
	ᐁ ᐃ ᐅ ᐇ		

	?	?	?	?
Buginese	U+1A00 – U+1A1F	(6656–6687)		
	?	?	?	??
Tai Tham	U+1A20 – U+1AAF	(6688–6832)		
	?	??	?	?
Balinese	U+1B00 – U+1B7F	(6912–7039)		
	??	?	??	?
Sundanese	U+1B80 – U+1BBF	(7040–7103)		
	??	?	??	?
Lepcha	U+1C00 – U+1C4F	(7168–7247)		
	?	?	??	?
Ol Chiki	U+1C50 – U+1C7F	(7040–7295)		
	?	?	?	?
Vedic Extensions	U+1CD0 – U+1CFF	(7376–7423)		
	o?	o?	?	?
Phonetic Extensions	U+1D00 – U+1D7F	(7424–7551)		
	æ	•	8	ue
Latin Extended Additional	U+1E00 – U+1EFF	(7680–7935)		
	À	Ŵ	Ā	ÿ
Greek Extended	U+1F00 – U+1FFF	(7936–8191)		
	ά	ð	ñ	Ω
General Punctuation	U+2000 – U+206F	(8192–8303)		
	–	“	‰	※
Superscripts and Subscripts	U+2070 – U+209F	(8304–8351)		
	4	)	3	=
Currency Symbols	U+20A0 – U+20CF	(8352–8399)		
	₣	₤	₶	€
Combining Diacritical Marks for Symbols	U+20D0 – U+20FF	(8400–8447)		
	←o	o?	o?	o?
Letterlike Symbols	U+2100 – U+214F	(8448–8527)		
	%	°C	Nº	™
Number Forms	U+2150 – U+218F	(8528–8591)		
	⅓	IV	ix	Ⓢ
Arrows	U+2190 – U+21FF	(8592–8703)		
	←	↯	↶	↗
Mathematical Operators	U+2200 – U+22FF	(8704–8959)		
	∇	ℳ	⊇	≈
Miscellaneous Technical	U+2300 – U+23FF	(8960–9215)		
	⬜	¯	—	⊕
Control Pictures	U+2400 – U+243F	(9216–9279)		
	STX	LF	⌘	␣
Optical Character Recognition	U+2440 – U+245F	(9280–9311)		
	?	?	?	?
Enclosed Alphanumerics	U+2460 – U+24FF	(9312–9471)		
	③	(4)	5.	Ⓜ
Box Drawing	U+2500 – U+257F	(9472–9599)		
	┐	└	〒	×
Block Elements	U+2580 – U+259F	(9600–9631)		

  
 Geometric Shapes U+25A0 – U+25FF (9632–9727)  
  
 Miscellaneous Symbols U+2600 – U+26FF (9728–9983)  
  
 Dingbats U+2700 – U+27BF (9984–10175)  
  
 Miscellaneous Mathematical Symbols-A U+27C0 – U+27EF (10176– 10223)  
  
 Supplemental Arrows-A U+27F0 – U+27FF (10224–10239)  
  
 Braille Patterns U+2800 – U+28FF (10240–10495)  
  
 Supplemental Arrows-B U+2900 – U+297F (10496–10623)  
  
 Miscellaneous Mathematical Symbols-B U+2980 – U+29FF (10624–10751)  
  
 Supplemental Mathematical Operators U+2A00 – U+2AFF (10752–11007)  
  
 Miscellaneous Symbols and Arrows U+2B00 – U+2BFF (11008–11263)  
  
 Glagolitic U+2C00 – U+2C5F (11264–11359)  
  
 Latin Extended-C U+2C60 – U+2C7F (11360–11391)  
  
 Coptic U+2C80 – U+2CFF (11392–11519)  
  
 Georgian Supplement U+2D00 – U+2D2F (11520–11567)  
  
 Tifinagh U+2D30 – U+2D7F (11568–11647)  
  
 Ethiopic Extended U+2D80 – U+2DDF (11648–11743)  
  
 Cyrillic Extended-A U+2DE0 – U+2DFF (11744–11775)  
  
 Supplemental Punctuation U+2E00 – U+2E7F (11776–11903)  
  
 CJK Radicals Supplement U+2E80 – U+2EFF (11904–12031)  
  
 KangXi Radicals U+2F00 – U+2FDF (12032–12255)  
  
 Ideographic Description characters U+2FF0 – U+2FFF (12272–12287)  
  
 CJK Symbols and Punctuation U+3000 – U+303F (12288–12351)  
  
 Hiragana U+3040 – U+309F (12352–12447)  
  
 Katakana U+30A0 – U+30FF (12448–12543)

	ア	ツ	ヨ	バ
Bopomofo	U+3100 – U+312F (12544–12591)			
	□	□	□	□
Hangul Compatibility Jamo	U+3130 – U+318F (12592–12687)			
	□	□	□	□
Kanbun	U+3190 – U+319F (12688–12703)			
	□	□	□	□
Bopomofo Extended	U+31A0 – U+32BF (12704–12735)			
	ㄆ	ㄇ	ㄋ	ㄌ
Katakana Phonetic Extensions	U+31F0 – U+31FF (12784–12799)			
	ㇰ	ㇱ	ㇲ	ㇳ
Enclosed CJK Letters and Months	U+3200 – U+32FF (12800–13055)			
	ㇰ	(有)	(左)	(マ)
CJK Compatibility	U+3300 – U+33FF (13056–13311)			
	ㄆ	ㄇ	ㄋ	ㄌ
CJK Unified Ideographs Extension A	U+3400 – U+4DB5 (13312–19893)			
	□	□	𠂇	□
Yijing Hexagram Symbols	U+4DC0 – U+4DFF (19904–19967)			
	☰	☷	☶	☵
CJK Unified Ideographs	U+4E00 – U+9FFF (19968–40959)			
	一	𠂇	田	𠂇
Yi Syllables	U+A000 – U+A48F (40960–42127)			
	𠂇	𠂇	𠂇	𠂇
Yi Radicals	U+A490 – U+A4CF (42128–42191)			
	丨	乚	ㄣ	乚
Lisu	U+A4D0 – U+A4FF (42192–42239)			
	𠂇	𠂇	𠂇	𠂇
Vai	U+A500 – U+A63F (42240–42559)			
	𠂇	𠂇	𠂇	𠂇
Cyrillic Extended-B	U+A640 – U+A69F (42560–42655)			
	𠂇	𠂇	𠂇	𠂇
Bamum	U+A6A0 – U+A6FF (42656–42751)			
	𠂇	𠂇	𠂇𠂇	𠂇
Modifier Tone Letters	U+A700 – U+A71F (42752–42783)			
	◌̥	◌̦	◌̧	◌̨
Latin Extended-D	U+A720 – U+A7FF (42784–43007)			
	𠂇	𠂇	𠂇	𠂇
Syloti Nagri	U+A800 – U+A82F (43008–43055)			
	𠂇	𠂇	𠂇𠂇	𠂇
Common Indic Number Forms	U+A830 – U+A83F (43056–43071)			
	𠂇	𠂇	𠂇	𠂇
Phags-pa	U+A840 – U+A87F (43072–43135)			
	𠂇	𠂇	𠂇	𠂇
Saurashtra	U+A880 – U+A8DF (43136–43311)			
	𠂇𠂇	𠂇	𠂇	𠂇
Devanagari Extended	U+A8E0 – U+A8FF (43232–43263)			
	𠂇𠂇	𠂇𠂇	𠂇	𠂇
Kayah Li	U+A900 – U+A92F (43264–43281)			
	𠂇	𠂇	𠂇𠂇	𠂇

Rejang U+A930 – U+A95F (43312–43359)

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Hangul Jamo Extended-A U+A960 – U+A97F (43360–43391)

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Javanese U+A980 – U+A9DF (43392–43487)

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Cham U+AA00 – U+AA5F (43520–43615)

ꨀ ꨁ ꨂ ꨃ

Myanmar Extended-A U+AA60 – U+AA7F (43616–43647)

ꠐ ꠑ ꠒ ꠓ

Tai Viet U+AA80 – U+AADF (43648–43743)

ꠕ ꠖ ꠗ ꠘ

Meetei Mayek U+ABC0 – U+ABFF (43968–44031)

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Hangul Syllables U+AC00 – U+D7A3 (44032–55203)

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Hangul Jamo Extended-B U+D7B0 – U+D7FF (55216–55295)

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Private Use Area

U+E000–U+E00F

CJK Compatibility Ideographs U+F900 – U+FAFF (63744–64255)

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Alphabetic Presentation Forms U+FB00 – U+FB4F (64256–64335)

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Arabic Presentation Forms-A U+FB50 – U+FDFF (64336–65023)

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Variation Selectors U+FE00 – U+FE0F (65024–65039)

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Combining Half Marks U+FE20 – U+FE2F (65056–65071)

◌◌ ◌◌ ◌◌ ◌◌

CJK Compatibility Forms U+FE30 – U+FE4F (65072–65103)

◌◌ ◌◌ ◌◌ ◌◌

Small Form Variants U+FE50 – U+FE6F (65104–65135)

◌◌ ◌◌ ◌◌ ◌◌

Arabic Presentation Forms-B U+FE70 – U+FEFF (65136–65279)

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Halfwidth and Fullwidth Forms U+FF00 – U+FFEF (65280–65519)

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Specials U+FEFF, U+FFF0 – U+FFFF (65279, 65520–65535)



Linear B Syllabary U+10000 – U+1007F (65536–65663)

𐀀 𐀁 𐀂 𐀃

Linear B Ideograms U+10080 – U+100FF (65664–65791)

𐀄 𐀅 𐀆 𐀇

Aegean Numbers U+10100 – U+1013F (65792–65855)

𐀈 𐀉 𐀊 𐀋

Ancient Greek Numbers U+10140 – U+1018F (65856–65935)

𐀌 𐀍 𐀎 𐀏

Ancient Symbols U+10190 – U+101CF (65936–65999)  
     ?      ?      ?      ?  
 Phaistos Disc U+101D0 – U+101FF (66000–66047)  
     ?      ?      ?      ?  
 Lycian U+10280 – U+1029F (66176–66207)  
     ?      ?      ?      ?  
 Carian U+102A0 – U+102DF (66208–66271)  
     ?      ?      ?      ?  
 Old Italic U+10300 – U+1032F (66304–66351)  
     ?      ?      ?      ?  
 Gothic U+10330 – U+1034F (66352–66383)  
     ?      ?      ?      ?  
 Ugaritic U+10380 – U+1039F (66432–66463)  
     ?      ?      ?      ?  
 Deseret U+10400 – U+1044F (66560–66639)  
     ?      ?      ?      ?  
 Shavian U+10450 – U+1047F (66640–66687)  
     ?      ?      ?      ?  
 Osmanya U+10480 – U+104AF (66688–66735)  
     ?      ?      ?      ?  
 Cypriot Syllabary U+10800 – U+1083F (67584–67647)  
     ?      ?      ?      ?  
 Imperial Aramaic U+10840 – U+1085F (67648–67679)  
     ?      ?      ?      ?  
 Phoenician U+10900 – U+1091F (67840–67871)  
     ?      ?      ?      ?  
 Lydian U+10920 – U+1093F (67872–67903)  
     ?      ?      ?      ?  
 Kharoshthi U+10A00 – U+10A5F (68096–68191)  
     ?      ? ? ? ? ?      ?  
 Old South Arabian U+10A60 – U+10A7F (68192–68223)  
     ?      ?      ?      ?  
 Avestan U+10B00 – U+10B3F (68352–68415)  
     ?      ?      ?      ?  
 Inscriptional Parthian U+10B40 – U+10B5F (68416–68447)  
     ?      ?      ?      ?  
 Inscriptional Pahlavi U+10B60 – U+10B7F (68448–68479)  
     ?      ?      ?      ?  
 Old Turkic U+10C00 – U+10C4F (68608–68687)  
     ?      ?      ?      ?  
 Rumi Numeral Symbols U+10E60 – U+10E7F (69216–69247)  
     ?      ?      ?      ?  
 Kaithi U+11080 – U+110CF (69760–69839)  
     ? ?      ?      ? ?      ?  
 Cuneiform U+12000 – U+123FF (73728–74751)  
     ?      ?      ?      ?  
 Cuneiform Numbers and Punctuation U+12400 – U+1247F (74752–74879)  
     ?      ?      ?      ?  
 Egyptian Hieroglyphs U+13000 – U+1342F (77824–78895)  
     ?      ?      ?      ?

Byzantine Musical Symbols U+1D000 – U+1D0FF (118784–119039)

Ⲁ ⲁ Ⲃ ⲃ

Musical Symbols U+1D100 – U+1D1FF (119040–119295)

𝄀 𝄁 𝄂 𝄃

Tai Xuan Jing Symbols U+1D300 – U+1D35F (119552–119647)

ⴀ ⴁ ⴂ ⴃ

Counting Rod Numerals U+1D360 – U+1D37F (119648–119679)

ⴄ ⴅ ⴆ ⴇ

Mathematical Alphanumeric Symbols U+1D400 – U+1D7FF (119808–120831)

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Mahjong Tiles U+1F000 – U+1F02F (126976–127023)

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Domino Tiles U+1F030 – U+1F09F (127024–127135)

🀄 🀅 🀆 🀇

Enclosed Alphanumeric Supplement U+1F100 – U+1F1FF (127232–127487)

𝕐 𝕑 𝕒 𝕓

Enclosed Ideographic Supplement U+1F200 – U+1F2FF (127488–127743)

𝕕 𝕖 𝕗 𝕘

CJK Unified Ideographs Extension B U+20000 – U+2A6D6 (131072–173782)

𐤀 𐤁 𐤂 𐤃

CJK Unified Ideographs Extension C U+2A700 – U+2B73F (173824–177983)

𐤄 𐤅 𐤆 𐤇

CJK Compatibility Ideographs Supplement U+2F800 – U+2FA1F (194560–195103)

𐤈 𐤉 𐤊 𐤋

Tags U+E0000 – U+E007F (917504–917631)

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Variation Selectors Supplement U+E0100 – U+E01EF (917760–917999)

These characters are not permitted in HTML

Supplementary Private Use Area-A U+F0000 – U+FFFFD (983040–1048573)

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Supplementary Private Use Area-B U+100000 – U+10FFFD (1048576–1114109)

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