

General Punctuation

Range: 2000–206F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 16.0*

Characters in this chart that are new for The Unicode Standard, Version 16.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list. This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard.

See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-16.0/> for charts showing only the characters added in Unicode 16.0. See <https://www.unicode.org/Public/16.0.0/charts/> for a complete archived file of character code charts for Unicode 16.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 16.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 16.0, online at <https://www.unicode.org/versions/Unicode16.0.0/>, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

See <https://www.unicode.org/charts/fonts.html> for a list.

Terms of Use

© 1991–2024 Unicode, Inc. This publication is protected by copyright, and permission must be obtained from Unicode, Inc. prior to any reproduction, modification, or other use not permitted by the Terms of Use (<https://www.unicode.org/copyright.html>). Specifically, you may make copies of this publication and may annotate and translate it solely for personal or internal business purposes and not for public distribution, provided that any such permitted copies and modifications fully reproduce all copyright and other legal notices contained in the original. You may not make copies of or modifications to this publication for public distribution, or incorporate it in whole or in part into any product or publication without the express written permission of Unicode.

The Unicode Consortium specifically grants ISO a license to produce such code charts with their associated character names list to show the repertoire of characters for that standard, as a normatively referenced, integral part of that standard.

Unicode uses most fonts under restricted license from the original font owner. You may not extract, copy, modify, or distribute fonts or font data from any Unicode Products, including this publication, without license from the font owner.
























Use of all Unicode Products, including this publication, is governed by the Unicode Terms of Use (<https://www.unicode.org/copyright.html>). The authors, contributors, and publishers have taken care in the preparation of this publication, but make no express or implied representation or warranty of any kind and assume no responsibility or liability for errors or omissions or for consequential or incidental damages that may arise therefrom. This publication is provided “AS-IS” without charge as a convenience to users.

Unicode and the Unicode Logo are registered trademarks of Unicode, Inc., in the United States and other countries.







	200	201	202	203	204	205	206
0	2000	— 2010	† 2020	‰ 2030	— 2040	⊂ 2050	2060
1	2001	2011	‡ 2021	‱ 2031	∧ 2041	* 2051	2061
2	2002	— 2012	● 2022	' 2032	* 2042	% 2052	2062
3	2003	— 2013	▶ 2023	" 2033	■ 2043	~ 2053	2063
4	2004	— 2014	• 2024	''' 2034	/ 2044	— 2054	2064
5	2005	— 2015	•• 2025	' 2035	[2045	* 2055	2065
6	2006	2016	... 2026	" 2036] 2046	∴ 2056	2066
7	2007	= 2017	• 2027	''' 2037	?? 2047	''' 2057	2067
8	2008	“ 2018	2028	^ 2038	?! 2048	∴ 2058	2068
9	2009	” 2019	2029	< 2039	! 2049	∴ 2059	2069
A	200A	, 201A	202A	> 203A	7 204A	• 205A	206A
B	200B	‘ 201B	202B	⊗ 203B	¶ 204B	• 205B	206B
C	200C	“ 201C	202C	!! 203C	◀ 204C	⦿ 205C	206C
D	200D	” 201D	202D	! 203D	▶ 204D	• 205D	206D
E	200E	” 201E	202E	— 203E	* 204E	• 205E	206E
F	200F	“ 201F	202F	— 203F	• 204F	205F	206F

For additional general punctuation characters see also *Basic Latin, Latin-1, Supplemental Punctuation and CJK Symbols and Punctuation*.





Spaces

- 2000  EN QUAD
≡ 2002  en space
- 2001  EM QUAD
= mutton quad
≡ 2003  em space
- 2002  EN SPACE
= nut
• half an em
≈ 0020  space
- 2003  EM SPACE
= mutton
• nominally, a space equal to the type size in points
• may scale by the condensation factor of a font
≈ 0020  space
- 2004  THREE-PER-EM SPACE
= thick space
≈ 0020  space
- 2005  FOUR-PER-EM SPACE
= mid space
≈ 0020  space
- 2006  SIX-PER-EM SPACE
• in computer typography sometimes equated to thin space
≈ 0020  space
- 2007  FIGURE SPACE
• space equal to tabular width of a font
• this is equivalent to the digit width of fonts with fixed-width digits
≈ <noBreak> 0020  space
- 2008  PUNCTUATION SPACE
• space equal to narrow punctuation of a font
≈ 0020  space
- 2009  THIN SPACE
• a fifth of an em (or sometimes a sixth)
→ 202F  narrow no-break space
≈ 0020  space
- 200A  HAIR SPACE
• thinner than a thin space
• in traditional typography, the thinnest space available
≈ 0020  space





Format characters

- 200B  ZERO WIDTH SPACE
• commonly abbreviated ZWSP
• this character is intended for invisible word separation and for line break control; it has no width, but its presence between two characters does not prevent increased letter spacing in justification
- 200C  ZERO WIDTH NON-JOINER
• commonly abbreviated ZWNJ
- 200D  ZERO WIDTH JOINER
• commonly abbreviated ZWJ
- 200E  LEFT-TO-RIGHT MARK
• commonly abbreviated LRM
- 200F  RIGHT-TO-LEFT MARK
• commonly abbreviated RLM
→ 061C  arabic letter mark

Dashes

- 2010 - HYPHEN
→ 002D - hyphen-minus
→ 00AD  soft hyphen
- 2011  NON-BREAKING HYPHEN
≈ <noBreak> 2010 -
- 2012 — FIGURE DASH
- 2013 — EN DASH
- 2014 — EM DASH
• may be used in pairs to offset parenthetical text
→ 2E3A  two-em dash
→ 30FC  katakana-hiragana prolonged sound mark
- 2015 — HORIZONTAL BAR
= quotation dash
• long dash introducing quoted text

General punctuation

- 2016 || DOUBLE VERTICAL LINE
• used in pairs to indicate norm of a matrix
→ 20E6  combining double vertical stroke overlay
→ 2225 || parallel to
→ 23F8 || double vertical bar
- 2017 = DOUBLE LOW LINE
• this is a spacing character
→ 005F _ low line
→ 0333  combining double low line
≈ 0020  0333 

Quotation marks and apostrophe

Use of quotation marks differs by language. The character names cannot reflect actual usage for all languages.

- 2018 ‘ LEFT SINGLE QUOTATION MARK
= single turned comma quotation mark
• this is the preferred character (as opposed to 201B ‘)
→ 0027 ' apostrophe
→ 02BB ‘ modifier letter turned comma
→ 275B ‘ heavy single turned comma quotation mark ornament
~ 2018 FE00 ‘ non-fullwidth form
~ 2018 FE01 ‘ right-justified fullwidth form
- 2019 ’ RIGHT SINGLE QUOTATION MARK
= single comma quotation mark
• this is the preferred character to use for apostrophe
→ 0027 ' apostrophe
→ 02BC ’ modifier letter apostrophe
→ 275C ’ heavy single comma quotation mark ornament
~ 2019 FE00 ’ non-fullwidth form
~ 2019 FE01 ’ left-justified fullwidth form
- 201A , SINGLE LOW-9 QUOTATION MARK
= low single comma quotation mark
• used as opening single quotation mark in some languages
- 201B ˇ SINGLE HIGH-REVERSED-9 QUOTATION MARK
= single reversed comma quotation mark
• has same semantic as 2018 ‘, but differs in appearance
→ 02BD ˇ modifier letter reversed comma

201C	“	LEFT DOUBLE QUOTATION MARK = double turned comma quotation mark • this is the preferred character (as opposed to 201F “) → 0022 " quotation mark → 275D “ heavy double turned comma quotation mark ornament → 301D ≡ reversed double prime quotation mark ~ 201C FE00 “ non-fullwidth form ~ 201C FE01 “ right-justified fullwidth form
201D	”	RIGHT DOUBLE QUOTATION MARK = double comma quotation mark → 0022 " quotation mark → 2033 " double prime → 275E ” heavy double comma quotation mark ornament → 301E ≡ double prime quotation mark ~ 201D FE00 ” non-fullwidth form ~ 201D FE01 ” left-justified fullwidth form
201E	„	DOUBLE LOW-9 QUOTATION MARK = low double comma quotation mark • used as opening double quotation mark in some languages → 2E42 „ double low-reversed-9 quotation mark → 301F ≡ low double prime quotation mark
201F	“	DOUBLE HIGH-REVERSED-9 QUOTATION MARK = double reversed comma quotation mark • has same semantic as 201C “, but differs in appearance

General punctuation

2020	†	DAGGER = obelisk, long cross, oblong cross → 2E38 † turned dagger
2021	‡	DOUBLE DAGGER = diesis, double obelisk → 2E4B ‡ triple dagger
2022	•	BULLET = black small circle → 00B7 • middle dot → 2024 . one dot leader → 2219 • bullet operator → 25D8 ◻ inverse bullet → 25E6 ◦ white bullet
2023	▸	TRIANGULAR BULLET → 220E ■ end of proof → 25B8 ▸ black right-pointing small triangle
2024	.	ONE DOT LEADER • also used as an Armenian semicolon (mijaket) → 00B7 • middle dot → 2022 • bullet → 2219 • bullet operator ≈ 002E . full stop
2025	..	TWO DOT LEADER ≈ 002E . 002E .
2026	...	HORIZONTAL ELLIPSIS = three dot leader → 22EE ∴ vertical ellipsis → FE19 ∴ presentation form for vertical horizontal ellipsis ≈ 002E . 002E . 002E .

2027	·	HYPHENATION POINT • visible symbol used to indicate correct positions for word breaking, as in dictionaries
------	---	-----------------------------------------------------------------------------------------------------------------------

Separators

2028	␣	LINE SEPARATOR • may be used to represent this semantic unambiguously
2029	␣	PARAGRAPH SEPARATOR • may be used to represent this semantic unambiguously

Format characters

202A	␣	LEFT-TO-RIGHT EMBEDDING • commonly abbreviated LRE
202B	␣	RIGHT-TO-LEFT EMBEDDING • commonly abbreviated RLE
202C	␣	POP DIRECTIONAL FORMATTING • commonly abbreviated PDF
202D	␣	LEFT-TO-RIGHT OVERRIDE • commonly abbreviated LRO
202E	␣	RIGHT-TO-LEFT OVERRIDE • commonly abbreviated RLO

Space

202F	␣	NARROW NO-BREAK SPACE • commonly abbreviated NNBS • a narrow form of a no-break space, typically the width of a thin space or a mid space → 00A0 ␣ no-break space → 2005 ␣ four-per-em space → 2009 ␣ thin space ≈ <noBreak> 0020 ␣
------	---	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

General punctuation

2030	‰	PER MILLE SIGN = permille, per thousand • used, for example, in measures of blood alcohol content, salinity, etc. → 0025 ‰ percent sign → 0609 ‰ arabic-indic per mille sign
2031	‱	PER TEN THOUSAND SIGN = permyriad • percent of a percent, rarely used → 0025 ‱ percent sign → 060A ‱ arabic-indic per ten thousand sign
2032	'	PRIME = minutes, feet → 0027 ' apostrophe → 00B4 ´ acute accent → 02B9 ´ modifier letter prime
2033	”	DOUBLE PRIME = seconds, inches → 0022 " quotation mark → 02BA " modifier letter double prime → 201D ” right double quotation mark → 3003 ≡ ditto mark → 301E ≡ double prime quotation mark ≈ 2032 ' 2032 '
2034	'''	TRIPLE PRIME = lines (old measure, 1/12 of an inch) ≈ 2032 ' 2032 ' 2032 '
2035	`	REVERSED PRIME → 0060 ` grave accent

- 2036 ` REVERSED DOUBLE PRIME
→ 301D ˘ reversed double prime quotation mark
≈ 2035 ` 2035 `
- 2037 ˇ REVERSED TRIPLE PRIME
≈ 2035 ` 2035 ` 2035 `
- 2038 ^ CARET
→ 2303 ^ up arrowhead
→ A788 ˆ modifier letter low circumflex accent

Quotation marks

- 2039 < SINGLE LEFT-POINTING ANGLE QUOTATION MARK
= left pointing single guillemet
• usually opening, sometimes closing
→ 003C < less-than sign
→ 2329 < left-pointing angle bracket
→ 3008 < left angle bracket
- 203A > SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
= right pointing single guillemet
• usually closing, sometimes opening
→ 003E > greater-than sign
→ 232A > right-pointing angle bracket
→ 3009 > right angle bracket

General punctuation

- 203B ※ REFERENCE MARK
= Japanese kome
= Urdu paragraph separator
→ 0FBF ※ tibetan ku ru kha bzhi mig can
→ 200AD ✎

Double punctuation for vertical text

- 203C !! DOUBLE EXCLAMATION MARK
→ 0021 ! exclamation mark
≈ 0021 ! 0021 !

General punctuation

- 203D ? INTERROBANG
→ 0021 ! exclamation mark
→ 003F ? question mark
→ 2E18 ˆ inverted interrobang
→ 1F679 ʔ heavy interrobang ornament
- 203E ¯ OVERLINE
= spacing overscore
≈ 0020 ̄ 0305 ̄
- 203F ˘ UNDERTIE
= Greek enotikon
→ 2323 ˘ smile
- 2040 ˉ CHARACTER TIE
= z notation sequence concatenation
→ 2322 ˉ frown
- 2041 ˆ CARET INSERTION POINT
• proofreader's mark: insert here
→ 22CC ˆ right semidirect product
- 2042 ✎ ASTERISM
- 2043 ˆ HYPHEN BULLET
→ 002D - hyphen-minus
- 2044 / FRACTION SLASH
= solidus (in typography)
• for composing arbitrary fractions
→ 002F / solidus
→ 2215 / division slash

Brackets

- 2045 [LEFT SQUARE BRACKET WITH QUILL
→ 2E20 [left vertical bar with quill
→ 2E55 [left square bracket with stroke
- 2046] RIGHT SQUARE BRACKET WITH QUILL

Double punctuation for vertical text

- 2047 ?? DOUBLE QUESTION MARK
≈ 003F ? 003F ?
- 2048 ?! QUESTION EXCLAMATION MARK
≈ 003F ? 0021 !
- 2049 !? EXCLAMATION QUESTION MARK
≈ 0021 ! 003F ?

General punctuation

- 204A ˆ TIRONIAN SIGN ET
• Irish Gaelic, Old English, ...
→ 0026 & ampersand
→ 2E52 ˆ tironian sign capital et
→ 1F670 ˆ script ligature et ornament
- 204B ˆ REVERSED PILCROW SIGN
→ 00B6 ¶ pilcrow sign
→ 2E4D ¶ paragraphus mark
- 204C ◀ BLACK LEFTWARDS BULLET
- 204D ▶ BLACK RIGHTWARDS BULLET
- 204E * LOW ASTERISK
→ 002A * asterisk
→ 0359 ˆ combining asterisk below
- 204F ; REVERSED SEMICOLON
• used occasionally in Sindhi when Sindhi is written in the Arabic script
→ 003B ; semicolon
→ 061B ˆ arabic semicolon
- 2050 ☐ CLOSE UP
• editing mark
→ AB5B ˆ modifier breve with inverted breve
- 2051 ✎ TWO ASTERISKS ALIGNED VERTICALLY
- 2052 ˆ COMMERCIAL MINUS SIGN
= abzüglich (German), med avdrag av (Swedish), piska (Swedish, "whip")
• a common glyph variant and fallback representation looks like ./.
• may also be used as a dingbat to indicate correctness
• used in Finno-Ugric Phonetic Alphabet to indicate a related borrowed form with different sound
→ 0025 % percent sign
→ 066A ˆ arabic percent sign
→ 00F7 ÷ division sign
- 2053 ~ SWUNG DASH
→ 007E ~ tilde
- 2054 ˘ INVERTED UNDERTIE
- 2055 * FLOWER PUNCTUATION MARK
= phul, puspika
• used as a punctuation mark with Syloti Nagri, Bengali and other Indic scripts
→ 274B * heavy eight teardrop-spoked propeller asterisk

Archaic punctuation

- 2056 ∴ THREE DOT PUNCTUATION
→ 10FB ∴ georgian paragraph separator

General punctuation

2057 ◌◌◌◌ QUADRUPLE PRIME
 ≈ 2032' 2032' 2032' 2032'

Archaic punctuation

See also *historic punctuation with multiple dots in the range 2E2A-2E2D*.

2058 ∴ FOUR DOT PUNCTUATION

2059 ∷ FIVE DOT PUNCTUATION

= Greek pentonkion
 = quincunx
 → 2684 ☐ die face-5

205A ∙ TWO DOT PUNCTUATION

- historically used to indicate the end of a sentence or change of speaker
- extends from baseline to cap height
- FE30 ∙ presentation form for vertical two dot leader
- 1015B ∙ greek acrophonic epidaurean two

205B ∙∙ FOUR DOT MARK

- used by scribes in the margin as highlighter mark
- this is centered on the line, but extends beyond top and bottom of the line

205C ∕ DOTTED CROSS

- used by scribes in the margin as highlighter mark

205D ∴ TRICOLON

= Epidaurean acrophonic symbol three
 → 22EE ∴ vertical ellipsis
 → 2AF6 ∴ triple colon operator
 → FE19 ∴ presentation form for vertical horizontal ellipsis

205E ∴ VERTICAL FOUR DOTS

- used in dictionaries to indicate legal but undesirable word break
- glyph extends the whole height of the line
- 2E3D ∴ vertical six dots

Space

205F ◌◌◌ MEDIUM MATHEMATICAL SPACE

- abbreviated MMSP
- four-eighteenths of an em
- ≈ 0020 ◌◌◌ space

Format character

2060 ◌ WJ WORD JOINER

- commonly abbreviated WJ
- a zero width non-breaking space (only)
- intended for disambiguation of functions for byte order mark
- FEFF ◌ zero width no-break space

Invisible operators

2061 ◌ FUNCTION APPLICATION

- contiguity operator indicating application of a function

2062 ◌ INVISIBLE TIMES

- contiguity operator indicating multiplication

2063 ◌ INVISIBLE SEPARATOR

= invisible comma

- contiguity operator indicating that adjacent mathematical symbols form a list, e.g. when no visible comma is used between multiple indices

2064 ◌ INVISIBLE PLUS

- contiguity operator indicating addition

Format characters

2066 ◌ LRI LEFT-TO-RIGHT ISOLATE

- commonly abbreviated LRI

2067 ◌ RLI RIGHT-TO-LEFT ISOLATE

- commonly abbreviated RLI

2068 ◌ FSI FIRST STRONG ISOLATE

- commonly abbreviated FSI

2069 ◌ PDI POP DIRECTIONAL ISOLATE

- commonly abbreviated PDI

Deprecated

Use of these characters is strongly discouraged.

206A ◌ ISB INHIBIT SYMMETRIC SWAPPING

206B ◌ ASB ACTIVATE SYMMETRIC SWAPPING

206C ◌ AFS INHIBIT ARABIC FORM SHAPING

206D ◌ ASB ACTIVATE ARABIC FORM SHAPING

206E ◌ NAS NATIONAL DIGIT SHAPES

206F ◌ NBS NOMINAL DIGIT SHAPES

Standardized Variation Sequences	
2018	‘ LEFT SINGLE QUOTATION MARK
2018	‘ non-fullwidth form
2018 FE00	‘ right-justified fullwidth form
2018 FE01	
2019	’ RIGHT SINGLE QUOTATION MARK
2019	’ non-fullwidth form
2019 FE00	’ left-justified fullwidth form
2019 FE01	
201C	“ LEFT DOUBLE QUOTATION MARK
201C	“ non-fullwidth form
201C FE00	“ right-justified fullwidth form
201C FE01	
201D	” RIGHT DOUBLE QUOTATION MARK
201D	” non-fullwidth form
201D FE00	” left-justified fullwidth form
201D FE01	