

---

Workgroup: Network Working Group  
Internet-Draft: draft-rathnayake-xml2rfc-unicode-00  
Published: 7 March 2023  
Intended Status: Experimental  
Expires: 8 September 2023  
Author: K. Nanayakkara Rathnayake  
*IETF Administration LLC*

# Experiment with Unicode characters in xml2rfc

---

## Abstract

This draft is an experiment to explore what happens when various Unicode characters are on an Internet-Draft and how xml2rfc handles that.

## Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <https://datatracker.ietf.org/drafts/current/>.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on 8 September 2023.

## Copyright Notice

Copyright (c) 2023 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document.

## Table of Contents

1. Introduction
2. Methodology
3. Unicode code blocks
  - 3.1. Basic Latin
  - 3.2. Latin-1 Supplement
  - 3.3. Latin Extended-A
  - 3.4. Latin Extended-B
  - 3.5. IPA Extensions
  - 3.6. Spacing Modifier Letters
  - 3.7. Combining Diacritical Marks
  - 3.8. Greek and Coptic
  - 3.9. Cyrillic
  - 3.10. Cyrillic Supplement
  - 3.11. Armenian
  - 3.12. Hebrew
  - 3.13. Arabic
  - 3.14. Syriac
  - 3.15. Arabic Supplement
  - 3.16. Thaana
  - 3.17. NKo
  - 3.18. Samaritan
  - 3.19. Mandaic
  - 3.20. Syriac Supplement
  - 3.21. Arabic Extended-A
  - 3.22. Devanagari
  - 3.23. Bengali
  - 3.24. Gurmukhi
  - 3.25. Gujarati

- 3.26. Oriya
- 3.27. Tamil
- 3.28. Telugu
- 3.29. Kannada
- 3.30. Malayalam
- 3.31. Sinhala
- 3.32. Thai
- 3.33. Lao
- 3.34. Tibetan
- 3.35. Myanmar
- 3.36. Georgian
- 3.37. Hangul Jamo
- 3.38. Ethiopic
- 3.39. Ethiopic Supplement
- 3.40. Cherokee
- 3.41. Unified Canadian Aboriginal Syllabics
- 3.42. Ogham
- 3.43. Runic
- 3.44. Tagalog
- 3.45. Hanunoo
- 3.46. Buhid
- 3.47. Tagbanwa
- 3.48. Khmer
- 3.49. Mongolian
- 3.50. Unified Canadian Aboriginal Syllabics Extended
- 3.51. Limbu
- 3.52. Tai Le
- 3.53. New Tai Lue
- 3.54. Khmer Symbols
- 3.55. Buginese

- 3.56. Tai Tham
- 3.57. Combining Diacritical Marks Extended
- 3.58. Balinese
- 3.59. Sundanese
- 3.60. Batak
- 3.61. Lepcha
- 3.62. Ol Chiki
- 3.63. Cyrillic Extended-C
- 3.64. Georgian Extended
- 3.65. Sundanese Supplement
- 3.66. Vedic Extensions
- 3.67. Phonetic Extensions
- 3.68. Phonetic Extensions Supplement
- 3.69. Combining Diacritical Marks Supplement
- 3.70. Latin Extended Additional
- 3.71. Greek Extended
- 3.72. General Punctuation
- 3.73. Superscripts and Subscripts
- 3.74. Currency Symbols
- 3.75. Combining Diacritical Marks for Symbols
- 3.76. Letterlike Symbols
- 3.77. Number Forms
- 3.78. Arrows
- 3.79. Mathematical Operators
- 3.80. Miscellaneous Technical
- 3.81. Control Pictures
- 3.82. Optical Character Recognition
- 3.83. Enclosed Alphanumerics
- 3.84. Box Drawing
- 3.85. Block Elements

- 3.86. Geometric Shapes
- 3.87. Miscellaneous Symbols
- 3.88. Dingbats
- 3.89. Miscellaneous Mathematical Symbols-A
- 3.90. Supplemental Arrows-A
- 3.91. Braille Patterns
- 3.92. Supplemental Arrows-B
- 3.93. Miscellaneous Mathematical Symbols-B
- 3.94. Supplemental Mathematical Operators
- 3.95. Miscellaneous Symbols and Arrows
- 3.96. Glagolitic
- 3.97. Latin Extended-C
- 3.98. Coptic
- 3.99. Georgian Supplement
- 3.100. Tifinagh
- 3.101. Ethiopic Extended
- 3.102. Cyrillic Extended-A
- 3.103. Supplemental Punctuation
- 3.104. CJK Radicals Supplement
- 3.105. Kangxi Radicals
- 3.106. Ideographic Description Characters
- 3.107. CJK Symbols and Punctuation
- 3.108. Hiragana
- 3.109. Katakana
- 3.110. Bopomofo
- 3.111. Hangul Compatibility Jamo
- 3.112. Kanbun
- 3.113. Bopomofo Extended
- 3.114. CJK Strokes
- 3.115. Katakana Phonetic Extensions

- 3.116. Enclosed CJK Letters and Months
- 3.117. CJK Compatibility
- 3.118. CJK Unified Ideographs Extension A
- 3.119. Yijing Hexagram Symbols
- 3.120. CJK Unified Ideographs
- 3.121. Yi Syllables
- 3.122. Yi Radicals
- 3.123. Lisu
- 3.124. Vai
- 3.125. Cyrillic Extended-B
- 3.126. Bamum
- 3.127. Modifier Tone Letters
- 3.128. Latin Extended-D
- 3.129. Syloti Nagri
- 3.130. Common Indic Number Forms
- 3.131. Phags-pa
- 3.132. Saurashtra
- 3.133. Devanagari Extended
- 3.134. Kayah Li
- 3.135. Rejang
- 3.136. Hangul Jamo Extended-A
- 3.137. Javanese
- 3.138. Myanmar Extended-B
- 3.139. Cham
- 3.140. Myanmar Extended-A
- 3.141. Tai Viet
- 3.142. Meetei Mayek Extensions
- 3.143. Ethiopic Extended-A
- 3.144. Latin Extended-E
- 3.145. Cherokee Supplement

- 3.146. Meetei Mayek
- 3.147. Hangul Syllables
- 3.148. Hangul Jamo Extended-B
- 3.149. High Surrogates
- 3.150. High Private Use Surrogates
- 3.151. Low Surrogates
- 3.152. Private Use Area
- 3.153. CJK Compatibility Ideographs
- 3.154. Alphabetic Presentation Forms
- 3.155. Arabic Presentation Forms-A
- 3.156. Variation Selectors
- 3.157. Vertical Forms
- 3.158. Combining Half Marks
- 3.159. CJK Compatibility Forms
- 3.160. Small Form Variants
- 3.161. Arabic Presentation Forms-B
- 3.162. Halfwidth and Fullwidth Forms
- 3.163. Specials
- 3.164. Linear B Syllabary
- 3.165. Linear B Ideograms
- 3.166. Aegean Numbers
- 3.167. Ancient Greek Numbers
- 3.168. Ancient Symbols
- 3.169. Phaistos Disc
- 3.170. Lycian
- 3.171. Carian
- 3.172. Coptic Epact Numbers
- 3.173. Old Italic
- 3.174. Gothic
- 3.175. Old Permic

- 3.176. Ugaritic
- 3.177. Old Persian
- 3.178. Deseret
- 3.179. Shavian
- 3.180. Osmanya
- 3.181. Osage
- 3.182. Elbasan
- 3.183. Caucasian Albanian
- 3.184. Linear A
- 3.185. Cypriot Syllabary
- 3.186. Imperial Aramaic
- 3.187. Palmyrene
- 3.188. Nabataean
- 3.189. Hatran
- 3.190. Phoenician
- 3.191. Lydian
- 3.192. Meroitic Hieroglyphs
- 3.193. Meroitic Cursive
- 3.194. Kharoshthi
- 3.195. Old South Arabian
- 3.196. Old North Arabian
- 3.197. Manichaean
- 3.198. Avestan
- 3.199. Inscriptional Parthian
- 3.200. Inscriptional Pahlavi
- 3.201. Psalter Pahlavi
- 3.202. Old Turkic
- 3.203. Old Hungarian
- 3.204. Hanifi Rohingya
- 3.205. Rumi Numeral Symbols



- 3.206. Old Sogdian
- 3.207. Sogdian
- 3.208. Brahmi
- 3.209. Kaithi
- 3.210. Sora Sompeng
- 3.211. Chakma
- 3.212. Mahajani
- 3.213. Sharada
- 3.214. Sinhala Archaic Numbers
- 3.215. Khojki
- 3.216. Multani
- 3.217. Khudawadi
- 3.218. Grantha
- 3.219. Newa
- 3.220. Tirhuta
- 3.221. Siddham
- 3.222. Modi
- 3.223. Mongolian Supplement
- 3.224. Takri
- 3.225. Ahom
- 3.226. Dogra
- 3.227. Warang Citi
- 3.228. Zanabazar Square
- 3.229. Soyombo
- 3.230. Pau Cin Hau
- 3.231. Bhaiksuki
- 3.232. Marchen
- 3.233. Masaram Gondi
- 3.234. Gunjala Gondi
- 3.235. Makasar

- 3.236. Cuneiform
- 3.237. Cuneiform Numbers and Punctuation
- 3.238. Early Dynastic Cuneiform
- 3.239. Egyptian Hieroglyphs
- 3.240. Anatolian Hieroglyphs
- 3.241. Bamum Supplement
- 3.242. Mro
- 3.243. Bassa Vah
- 3.244. Pahawh Hmong
- 3.245. Medefaidrin
- 3.246. Miao
- 3.247. Ideographic Symbols and Punctuation
- 3.248. Tangut
- 3.249. Tangut Components
- 3.250. Kana Supplement
- 3.251. Kana Extended-A
- 3.252. Nushu
- 3.253. Duployan
- 3.254. Shorthand Format Controls
- 3.255. Byzantine Musical Symbols
- 3.256. Musical Symbols
- 3.257. Ancient Greek Musical Notation
- 3.258. Mayan Numerals
- 3.259. Tai Xuan Jing Symbols
- 3.260. Counting Rod Numerals
- 3.261. Mathematical Alphanumeric Symbols
- 3.262. Sutton SignWriting
- 3.263. Glagolitic Supplement
- 3.264. Mende Kikakui
- 3.265. Adlam

- 3.266. Indic Siyaq Numbers
  - 3.267. Arabic Mathematical Alphabetic Symbols
  - 3.268. Mahjong Tiles
  - 3.269. Domino Tiles
  - 3.270. Playing Cards
  - 3.271. Enclosed Alphanumeric Supplement
  - 3.272. Enclosed Ideographic Supplement
  - 3.273. Miscellaneous Symbols and Pictographs
  - 3.274. Emoticons
  - 3.275. Ornamental Dingbats
  - 3.276. Transport and Map Symbols
  - 3.277. Alchemical Symbols
  - 3.278. Geometric Shapes Extended
  - 3.279. Supplemental Arrows-C
  - 3.280. Supplemental Symbols and Pictographs
  - 3.281. Chess Symbols
  - 3.282. CJK Unified Ideographs Extension B
  - 3.283. CJK Unified Ideographs Extension C
  - 3.284. CJK Unified Ideographs Extension D
  - 3.285. CJK Unified Ideographs Extension E
  - 3.286. CJK Unified Ideographs Extension F
  - 3.287. CJK Compatibility Ideographs Supplement
  - 3.288. Tags
  - 3.289. Variation Selectors Supplement
  - 3.290. Supplementary Private Use Area-A
  - 3.291. Supplementary Private Use Area-B
4. Informative References
- Author's Address

## 1. Introduction

Non-ASCII characters are allowed in RFCs under several restrictions. See [\[RFC7997\]](#).

Some XML2RFC elements allow the use of bare Unicode and other elements can make use of `>u<` element. See [\[RFC7991\]](#).

Various non-Latin Unicode characters can be an issue in RFC publications. Especially generating PDF format of the document. This is because the correct font has to be identified and included in the PDF file. This is done by the xml2rfc too. See [\[xml2rfc\]](#).

xml2rfc maintains its own list of Unicode script blocks. Depending on which script is used, xml2rfc matches the correct Noto font.

This document is an experiment on when Unicode characters from different blocks are included in an Internet-Draft.

## 2. Methodology

The Unicode characters blocks are identified using [\[unicode-blocks\]](#).

This random printable character from each block is chosen. The xml2rfc is used as an API to identify which script blocks are assigned to that character and predicted font names. xml2rfc might predict a non-existing font. These are the instances where xml2rfc might leak non-standard fonts to generated PDF files.

## 3. Unicode code blocks

### 3.1. Basic Latin

Unicode character range: 0000..007F

[Unicode Basic Latin character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "2" (DIGIT TWO, U+0032)

### 3.2. Latin-1 Supplement

Unicode character range: 0080..00FF

[Unicode Latin-1 Supplement character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (NO-BREAK SPACE, U+00A0)

### 3.3. Latin Extended-A

Unicode character range: 0100..017F

[Unicode Latin Extended-A character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "ů" (LATIN SMALL LETTER U WITH DOUBLE ACUTE, U+0171)

### 3.4. Latin Extended-B

Unicode character range: 0180..024F

[Unicode Latin Extended-B character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "Û" (LATIN CAPITAL LETTER U WITH DOUBLE GRAVE, U+0214)

### 3.5. IPA Extensions

Unicode character range: 0250..02AF

[Unicode IPA Extensions character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "Ǧ" (LATIN LETTER SMALL CAPITAL G, U+0262)

### 3.6. Spacing Modifier Letters

Unicode character range: 02B0..02FF

[Unicode Spacing Modifier Letters character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "ḥ" (MODIFIER LETTER SMALL H WITH HOOK, U+02B1)

### 3.7. Combining Diacritical Marks

Unicode character range: 0300..036F

[Unicode Combining Diacritical Marks character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "̣" (COMBINING ALMOST EQUAL TO ABOVE, U+034C)

### 3.8. Greek and Coptic

Unicode character range: 0370..03FF

[Unicode Greek and Coptic character list](#)

Scripts list as identified by xml2rfc: Greek

Following fonts are available:

- Noto Serif

Example: "Ϸ" (GREEK SMALL DOTTED LUNATE SIGMA SYMBOL, U+037C)

### 3.9. Cyrillic

Unicode character range: 0400..04FF

[Unicode Cyrillic character list](#)

Scripts list as identified by xml2rfc: Cyrillic

Following fonts are available:

- Noto Serif

Example: "Ѳ" (CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE, U+04B9)

### 3.10. Cyrillic Supplement

Unicode character range: 0500..052F

[Unicode Cyrillic Supplement character list](#)

Scripts list as identified by xml2rfc: Cyrillic

Following fonts are available:

- Noto Serif

Example: "Һ" (CYRILLIC SMALL LETTER SHHA WITH DESCENDER, U+0527)

### 3.11. Armenian

Unicode character range: 0530..058F

[Unicode Armenian character list](#)

Scripts list as identified by xml2rfc: Armenian

Following fonts are available:

- Noto Serif Armenian

Example: "Ֆ" (ARMENIAN CAPITAL LETTER FEH, U+0556)

### 3.12. Hebrew

Unicode character range: 0590..05FF

[Unicode Hebrew character list](#)

Scripts list as identified by xml2rfc: Hebrew

Following fonts are available:

- Noto Serif Hebrew

Example: "פּ" (HEBREW LETTER PE, U+05E4)

### 3.13. Arabic

Unicode character range: 0600..06FF

### [Unicode Arabic character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "ا" (ARABIC SMALL FATHA, U+0618)

### **3.14. Syriac**

Unicode character range: 0700..074F

### [Unicode Syriac character list](#)

Scripts list as identified by xml2rfc: Syriac

Following fonts are available:

- Noto Sans Syriac

Example: "⋮" (SYRIAC TWO VERTICAL DOTS BELOW, U+0744)

### **3.15. Arabic Supplement**

Unicode character range: 0750..077F

### [Unicode Arabic Supplement character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "شّ" (ARABIC LETTER SEEN WITH FOUR DOTS ABOVE, U+075C)

### **3.16. Thaana**

Unicode character range: 0780..07BF

### [Unicode Thaana character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.17. NKo**

Unicode character range: 07C0..07FF



### [Unicode Nko character list](#)

Scripts list as identified by xml2rfc: Nko

Following fonts are available:

- Noto Sans Nko

Example: "Ꝛ" (NKO LETTER I, U+07CC)

## **3.18. Samaritan**

Unicode character range: 0800..083F

### [Unicode Samaritan character list](#)

Scripts list as identified by xml2rfc: Samaritan

Following fonts are available:

- Noto Sans Samaritan

Example: "𐤀" (SAMARITAN LETTER TSAADIY, U+0811)

## **3.19. Mandaic**

Unicode character range: 0840..085F

### [Unicode Mandaic character list](#)

Scripts list as identified by xml2rfc: Mandaic

Following fonts are available:

- Noto Sans Mandaic

Example: "ܐ" (MANDAIC PUNCTUATION, U+085E)

## **3.20. Syriac Supplement**

Unicode character range: 0860..086F

### [Unicode Syriac Supplement character list](#)

Scripts list as identified by xml2rfc: Syriac

Following fonts are available:

- Noto Sans Syriac

Example: " " (SYRIAC LETTER MALAYALAM SSA, U+086A)

### 3.21. Arabic Extended-A

Unicode character range: 08A0..08FF

[Unicode Arabic Extended-A character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.22. Devanagari

Unicode character range: 0900..097F

[Unicode Devanagari character list](#)

Scripts list as identified by xml2rfc: Devanagari

Following fonts are available:

- Noto Serif Devanagari

Example: "ल" (DEVANAGARI LETTER LA, U+0932)

### 3.23. Bengali

Unicode character range: 0980..09FF

[Unicode Bengali character list](#)

Scripts list as identified by xml2rfc: Bengali

Following fonts are available:

- Noto Serif Bengali

Example: "ত" (BENGALI LETTER TTHA, U+09A0)

### 3.24. Gurmukhi

Unicode character range: 0A00..0A7F

[Unicode Gurmukhi character list](#)

Scripts list as identified by xml2rfc: Gurmukhi, Multani

Following fonts are available:

- Noto Sans Gurmukhi
- Noto Sans Multani

Example: "੩" (GURMUKHI DIGIT THREE, U+0A69)

### 3.25. Gujarati

Unicode character range: 0A80..0AFF

[Unicode Gujarati character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.26. Oriya

Unicode character range: 0B00..0B7F

[Unicode Oriya character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.27. Tamil

Unicode character range: 0B80..0BFF

[Unicode Tamil character list](#)

Scripts list as identified by xml2rfc: Tamil

Following fonts are available:

- Noto Serif Tamil

Example: "ஓ" (TAMIL OM, U+0BD0)

### 3.28. Telugu

Unicode character range: 0C00..0C7F

[Unicode Telugu character list](#)

Scripts list as identified by xml2rfc: Telugu

Following fonts are available:

- Noto Serif Telugu

Example: "ఓ" (TELUGU LETTER O, U+0C12)

### 3.29. Kannada

Unicode character range: 0C80..0CFF

[Unicode Kannada character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.30. Malayalam

Unicode character range: 0D00..0D7F

[Unicode Malayalam character list](#)

Scripts list as identified by xml2rfc: Malayalam

Following fonts are available:

- Noto Serif Malayalam

Example: "ൺ" (MALAYALAM LETTER CHILLU NN, U+0D7A)

### 3.31. Sinhala

Unicode character range: 0D80..0DFF

[Unicode Sinhala character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.32. Thai

Unicode character range: 0E00..0E7F

[Unicode Thai character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.33. Lao

Unicode character range: 0E80..0EFF

[Unicode Lao character list](#)

Scripts list as identified by xml2rfc: Lao

Following fonts are available:

- Noto Serif Lao

Example: "ສ" (LAO LETTER LO LING, U+0EA3)

### 3.34. Tibetan

Unicode character range: 0F00..0FFF

[Unicode Tibetan character list](#)

Scripts list as identified by xml2rfc: Tibetan

Following fonts are available:

- Noto Sans Tibetan

Example: "ྱ" (TIBETAN SIGN RJES SU NGA RO, U+0F7E)

### 3.35. Myanmar

Unicode character range: 1000..109F

[Unicode Myanmar character list](#)

Scripts list as identified by xml2rfc: Myanmar

Following fonts are available:

- Noto Serif Myanmar

Example: "ဃ" (MYANMAR LETTER VOCALIC RR, U+1053)

### 3.36. Georgian

Unicode character range: 10A0..10FF

[Unicode Georgian character list](#)

Scripts list as identified by xml2rfc: Georgian

Following fonts are available:

- Noto Serif Georgian

Example: "Ⴀ" (GEORGIAN CAPITAL LETTER QAR, U+10B7)

### 3.37. Hangul Jamo

Unicode character range: 1100..11FF

[Unicode Hangul Jamo character list](#)

Scripts list as identified by xml2rfc: Hangul

Following fonts are available:

- Noto Serif CJK KR

Example: "↵" (HANGUL JUNGSEONG WEO, U+116F)

### 3.38. Ethiopic

Unicode character range: 1200..137F

[Unicode Ethiopic character list](#)

Scripts list as identified by xml2rfc: Ethiopic

Following fonts are available:

- Noto Serif Ethiopic

Example: "ደ" (ETHIOPIC SYLLABLE DA, U+12F0)

### 3.39. Ethiopic Supplement

Unicode character range: 1380..139F

[Unicode Ethiopic Supplement character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.40. Cherokee

Unicode character range: 13A0..13FF

[Unicode Cherokee character list](#)

Scripts list as identified by xml2rfc: Cherokee

Following fonts are available:

- Noto Sans Cherokee

Example: "ᑦ" (CHEROKEE LETTER QUI, U+13C8)

### 3.41. Unified Canadian Aboriginal Syllabics

Unicode character range: 1400..167F

[Unicode Unified Canadian Aboriginal Syllabics character list](#)

Scripts list as identified by xml2rfc: Canadian\_Aboriginal

Following fonts are available:

- Noto Sans Canadian Aboriginal

Example: "ᑭᑦ" (CANADIAN SYLLABICS WEST-CREE CWII, U+1497)

### 3.42. Ogham

Unicode character range: 1680..169F

[Unicode Ogham character list](#)

Scripts list as identified by xml2rfc: Ogham

Following fonts are available:

- Noto Sans Ogham

Example: "᚛" (OGHAM LETTER BEITH, U+1681)

### 3.43. Runic

Unicode character range: 16A0..16FF

[Unicode Runic character list](#)

Scripts list as identified by xml2rfc: Runic

Following fonts are available:

- Noto Sans Runic

Example: "ᚠ" (RUNIC LETTER FRANKS CASKET AESC, U+16F8)

### 3.44. Tagalog

Unicode character range: 1700..171F

[Unicode Tagalog character list](#)

Scripts list as identified by xml2rfc: Tagalog

Following fonts are available:

- Noto Sans Tagalog

Example: `·` (TAGALOG SIGN VIRAMA, U+1714)

### 3.45. Hanunoo

Unicode character range: 1720..173F

[Unicode Hanunoo character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.46. Buhid

Unicode character range: 1740..175F

[Unicode Buhid character list](#)

Scripts list as identified by xml2rfc: Buhid

Following fonts are available:

- Noto Sans Buhid

Example: `ᜆ` (BUHID LETTER WA, U+174F)

### 3.47. Tagbanwa

Unicode character range: 1760..177F

[Unicode Tagbanwa character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.48. Khmer

Unicode character range: 1780..17FF

[Unicode Khmer character list](#)

Scripts list as identified by xml2rfc: Khmer

Following fonts are available:

- Noto Serif Khmer



Example: "័" (KHMER VOWEL SIGN OO, U+17C4)

### 3.49. Mongolian

Unicode character range: 1800..18AF

[Unicode Mongolian character list](#)

Scripts list as identified by xml2rfc: Mongolian

Following fonts are available:

- Noto Sans Mongolian

Example: "ᠪ" (MONGOLIAN LETTER TODO WA, U+1856)

### 3.50. Unified Canadian Aboriginal Syllabics Extended

Unicode character range: 18B0..18FF

[Unicode Unified Canadian Aboriginal Syllabics Extended character list](#)

Scripts list as identified by xml2rfc: Canadian\_Aboriginal

Following fonts are available:

- Noto Sans Canadian Aboriginal

Example: "ᑭ" (CANADIAN SYLLABICS TTHAA, U+18E7)

### 3.51. Limbu

Unicode character range: 1900..194F

[Unicode Limbu character list](#)

Scripts list as identified by xml2rfc: Limbu

Following fonts are available:

- Noto Sans Limbu

Example: "ᱠ" (LIMBU LETTER KHA, U+1902)

### 3.52. Tai Le

Unicode character range: 1950..197F

[Unicode Tai Le character list](#)

Scripts list as identified by xml2rfc: Tai\_Le

Following fonts are available:

- Noto Sans Tai Le

Example: "᧙" (TAI LE LETTER TA, U+1956)

### 3.53. New Tai Lue

Unicode character range: 1980..19DF

[Unicode New Tai Lue character list](#)

Scripts list as identified by xml2rfc: New\_Tai\_Lue

Following fonts are available:

- Noto Sans New Tai Lue

Example: "᧚" (NEW TAI LUE LETTER HIGH HA, U+19A0)

### 3.54. Khmer Symbols

Unicode character range: 19E0..19FF

[Unicode Khmer Symbols character list](#)

Scripts list as identified by xml2rfc: Khmer

Following fonts are available:

- Noto Serif Khmer

Example: "្ក" (KHMER SYMBOL DAP-PII ROC, U+19FC)

### 3.55. Buginese

Unicode character range: 1A00..1A1F

[Unicode Buginese character list](#)

Scripts list as identified by xml2rfc: Buginese

Following fonts are available:

- Noto Sans Buginese

Example: "ᮘ" (BUGINESE LETTER MPA, U+1A07)

### 3.56. Tai Tham

Unicode character range: 1A20..1AAF

### [Unicode Tai Tham character list](#)

Scripts list as identified by xml2rfc: Tai\_Tham

Following fonts are available:

- Noto Sans Tai Tham

Example: "ᨶ" (TAI THAM LETTER RA, U+1A41)

## **3.57. Combining Diacritical Marks Extended**

Unicode character range: 1AB0..1AFF

### [Unicode Combining Diacritical Marks Extended character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

## **3.58. Balinese**

Unicode character range: 1B00..1B7F

### [Unicode Balinese character list](#)

Scripts list as identified by xml2rfc: Balinese

Following fonts are available:

- Noto Sans Balinese

Example: "ꦢꦶꦁ" (BALINESE MUSICAL SYMBOL DAING, U+1B69)

## **3.59. Sundanese**

Unicode character range: 1B80..1BBF

### [Unicode Sundanese character list](#)

Scripts list as identified by xml2rfc: Sundanese

Following fonts are available:

- Noto Sans Sundanese

Example: "ꦏꦸꦏ꧀" (SUNDANESE LETTER FINAL K, U+1BBE)

## **3.60. Batak**

Unicode character range: 1BC0..1BFF

### [Unicode Batak character list](#)

Scripts list as identified by xml2rfc: Batak

Following fonts are available:

- Noto Sans Batak

Example: "ᮊ" (BATAK LETTER NORTHERN TA, U+1BD7)

### **3.61. Lepcha**

Unicode character range: 1C00..1C4F

### [Unicode Lepcha character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.62. Ol Chiki**

Unicode character range: 1C50..1C7F

### [Unicode Ol Chiki character list](#)

Scripts list as identified by xml2rfc: Ol\_Chiki

Following fonts are available:

- Noto Sans Ol Chiki

Example: "ᱵ" (OL CHIKI LETTER UD, U+1C6B)

### **3.63. Cyrillic Extended-C**

Unicode character range: 1C80..1C8F

### [Unicode Cyrillic Extended-C character list](#)

Scripts list as identified by xml2rfc: Cyrillic

Following fonts are available:

- Noto Serif

Example: "o" (CYRILLIC SMALL LETTER NARROW O, U+1C82)

### **3.64. Georgian Extended**

Unicode character range: 1C90..1CBF

### [Unicode Georgian Extended character list](#)

Scripts list as identified by xml2rfc: Georgian

Following fonts are available:

- Noto Serif Georgian

Example: " " (GEORGIAN MTAVRULI CAPITAL LETTER TAR, U+1CA2)

## **3.65. Sundanese Supplement**

Unicode character range: 1CC0..1CCF

### [Unicode Sundanese Supplement character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

## **3.66. Vedic Extensions**

Unicode character range: 1CD0..1CFF

### [Unicode Vedic Extensions character list](#)

Scripts list as identified by xml2rfc: Bengali, Common

Following fonts are available:

- Noto Serif Bengali
- Noto Serif

Example: " " (VEDIC SIGN ATIKRAMA, U+1CF7)

## **3.67. Phonetic Extensions**

Unicode character range: 1D00..1D7F

### [Unicode Phonetic Extensions character list](#)

Scripts list as identified by xml2rfc: Greek

Following fonts are available:

- Noto Serif

Example: " ϱ " (GREEK SUBSCRIPT SMALL LETTER RHO, U+1D68)

### 3.68. Phonetic Extensions Supplement

Unicode character range: 1D80..1DBF

[Unicode Phonetic Extensions Supplement character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "ø" (MODIFIER LETTER SMALL BARRED O, U+1DB1)

### 3.69. Combining Diacritical Marks Supplement

Unicode character range: 1DC0..1DFF

[Unicode Combining Diacritical Marks Supplement character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "̆" (COMBINING KAVYKA ABOVE RIGHT, U+1DF6)

### 3.70. Latin Extended Additional

Unicode character range: 1E00..1EFF

[Unicode Latin Extended Additional character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "Ḑ" (LATIN CAPITAL LETTER D WITH LINE BELOW, U+1E0E)

### 3.71. Greek Extended

Unicode character range: 1F00..1FFF

[Unicode Greek Extended character list](#)

Scripts list as identified by xml2rfc: Greek

Following fonts are available:

- Noto Serif

Example: "ἥ" (GREEK SMALL LETTER ETA WITH DASIA AND OXIA AND YPOGEGRAMMENI, U+1F95)

### 3.72. General Punctuation

Unicode character range: 2000..206F

[Unicode General Punctuation character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "—" (FIGURE DASH, U+2012)

### 3.73. Superscripts and Subscripts

Unicode character range: 2070..209F

[Unicode Superscripts and Subscripts character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "₇" (SUBSCRIPT SEVEN, U+2087)

### 3.74. Currency Symbols

Unicode character range: 20A0..20CF

[Unicode Currency Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "₧" (CRUZEIRO SIGN, U+20A2)

### 3.75. Combining Diacritical Marks for Symbols

Unicode character range: 20D0..20FF

[Unicode Combining Diacritical Marks for Symbols character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "↪" (COMBINING RIGHT ARROW BELOW, U+20EF)

### 3.76. Letterlike Symbols

Unicode character range: 2100..214F

[Unicode Letterlike Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "°F" (DEGREE FAHRENHEIT, U+2109)

### 3.77. Number Forms

Unicode character range: 2150..218F

[Unicode Number Forms character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "↯" (ROMAN NUMERAL FIFTY EARLY FORM, U+2186)

### 3.78. Arrows

Unicode character range: 2190..21FF

[Unicode Arrows character list](#)

Scripts list as identified by xml2rfc: Common



Following fonts are available:

- Noto Serif

Example: "↔" (LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE, U+21FC)

### 3.79. Mathematical Operators

Unicode character range: 2200..22FF

[Unicode Mathematical Operators character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "-" (MINUS SIGN, U+2212)

### 3.80. Miscellaneous Technical

Unicode character range: 2300..23FF

[Unicode Miscellaneous Technical character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⋮" (VERTICAL LINE WITH MIDDLE DOT, U+237F)

### 3.81. Control Pictures

Unicode character range: 2400..243F

[Unicode Control Pictures character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⧻" (SYMBOL FOR DELETE FORM TWO, U+2425)

### 3.82. Optical Character Recognition

Unicode character range: 2440..245F

### [Unicode Optical Character Recognition character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.83. Enclosed Alphanumerics**

Unicode character range: 2460..24FF

### [Unicode Enclosed Alphanumerics character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "(s)" (PARENTHESES LATIN SMALL LETTER S, U+24AE)

### **3.84. Box Drawing**

Unicode character range: 2500..257F

### [Unicode Box Drawing character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "┐" (BOX DRAWINGS HEAVY DOWN, U+257B)

### **3.85. Block Elements**

Unicode character range: 2580..259F

### [Unicode Block Elements character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "■" (QUADRANT UPPER LEFT, U+2598)

### **3.86. Geometric Shapes**

Unicode character range: 25A0..25FF

### [Unicode Geometric Shapes character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "▤" (SQUARE WITH UPPER RIGHT TO LOWER LEFT FILL, U+25A8)

### **3.87. Miscellaneous Symbols**

Unicode character range: 2600..26FF

### [Unicode Miscellaneous Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "☼" (BLACK SNOWMAN, U+26C7)

### **3.88. Dingbats**

Unicode character range: 2700..27BF

### [Unicode Dingbats character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "✉" (ENVELOPE, U+2709)

### **3.89. Miscellaneous Mathematical Symbols-A**

Unicode character range: 27C0..27EF

### [Unicode Miscellaneous Mathematical Symbols-A character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "◊" (LOZENGE DIVIDED BY HORIZONTAL RULE, U+27E0)

### 3.90. Supplemental Arrows-A

Unicode character range: 27F0..27FF

[Unicode Supplemental Arrows-A character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "→" (LONG RIGHTWARDS ARROW, U+27F6)

### 3.91. Braille Patterns

Unicode character range: 2800..28FF

[Unicode Braille Patterns character list](#)

Scripts list as identified by xml2rfc: Braille

Following fonts are available:

- Noto Sans Braille

Example: "⠠⠠⠠" (BRAILLE PATTERN DOTS-1235678, U+28F7)

### 3.92. Supplemental Arrows-B

Unicode character range: 2900..297F

[Unicode Supplemental Arrows-B character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "↻" (ANTICLOCKWISE CLOSED CIRCLE ARROW, U+2940)

### 3.93. Miscellaneous Mathematical Symbols-B

Unicode character range: 2980..29FF

[Unicode Miscellaneous Mathematical Symbols-B character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "≍" (EQUALS SIGN AND SLANTED PARALLEL WITH TILDE ABOVE, U+29E4)

### 3.94. Supplemental Mathematical Operators

Unicode character range: 2A00..2AFF

[Unicode Supplemental Mathematical Operators character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⋞" (DOUBLE PRECEDES, U+2ABB)

### 3.95. Miscellaneous Symbols and Arrows

Unicode character range: 2B00..2BFF

[Unicode Miscellaneous Symbols and Arrows character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⸀" (GROUP MARK, U+2BD2)

### 3.96. Glagolitic

Unicode character range: 2C00..2C5F

[Unicode Glagolitic character list](#)

Scripts list as identified by xml2rfc: Glagolitic

Following fonts are available:

- Noto Sans Glagolitic

Example: "ⴁ" (GLAGOLITIC SMALL LETTER BUKY, U+2C31)

### 3.97. Latin Extended-C

Unicode character range: 2C60..2C7F

### [Unicode Latin Extended-C character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "w" (LATIN SMALL LETTER W WITH HOOK, U+2C73)

## **3.98. Coptic**

Unicode character range: 2C80..2CFF

### [Unicode Coptic character list](#)

Scripts list as identified by xml2rfc: Coptic

Following fonts are available:

- Noto Sans Coptic

Example: "L" (COPTIC CAPITAL LETTER L-SHAPED HA, U+2CD0)

## **3.99. Georgian Supplement**

Unicode character range: 2D00..2D2F

### [Unicode Georgian Supplement character list](#)

Scripts list as identified by xml2rfc: Georgian

Following fonts are available:

- Noto Serif Georgian

Example: "u" (GEORGIAN SMALL LETTER ON, U+2D0D)

## **3.100. Tifinagh**

Unicode character range: 2D30..2D7F

### [Unicode Tifinagh character list](#)

Scripts list as identified by xml2rfc: Tifinagh

Following fonts are available:

- Noto Sans Tifinagh

Example: "X" (TIFINAGH LETTER YATH, U+2D5D)

### 3.101. Ethiopic Extended

Unicode character range: 2D80..2DDF

[Unicode Ethiopic Extended character list](#)

Scripts list as identified by xml2rfc: Ethiopic

Following fonts are available:

- Noto Serif Ethiopic

Example: "ቼ" (ETHIOPIC SYLLABLE CCEE, U+2DAC)

### 3.102. Cyrillic Extended-A

Unicode character range: 2DE0..2DFF

[Unicode Cyrillic Extended-A character list](#)

Scripts list as identified by xml2rfc: Cyrillic

Following fonts are available:

- Noto Serif

Example: "Ѹ" (COMBINING CYRILLIC LETTER EL, U+2DE7)

### 3.103. Supplemental Punctuation

Unicode character range: 2E00..2E7F

[Unicode Supplemental Punctuation character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.104. CJK Radicals Supplement

Unicode character range: 2E80..2EFF

[Unicode CJK Radicals Supplement character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.105. Kangxi Radicals

Unicode character range: 2F00..2FDF

[Unicode Kangxi Radicals character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: "𠂇" (KANGXI RADICAL OPEN BOX, U+2F10)

### 3.106. Ideographic Description Characters

Unicode character range: 2FF0..2FFF

[Unicode Ideographic Description Characters character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𐤎" (IDEOGRAPHIC DESCRIPTION CHARACTER ABOVE TO BELOW, U+2FF1)

### 3.107. CJK Symbols and Punctuation

Unicode character range: 3000..303F

[Unicode CJK Symbols and Punctuation character list](#)

Scripts list as identified by xml2rfc: Common, Han

Following fonts are available:

- Noto Serif
- Noto Serif CJK SC

Example: "〇" (IDEOGRAPHIC NUMBER ZERO, U+3007)

### 3.108. Hiragana

Unicode character range: 3040..309F

[Unicode Hiragana character list](#)

Scripts list as identified by xml2rfc: Hiragana



Following fonts are available:

- Noto Serif CJK JP

Example: "あ" (HIRAGANA LETTER A, U+3042)

### 3.109. Katakana

Unicode character range: 30A0..30FF

[Unicode Katakana character list](#)

Scripts list as identified by xml2rfc: Katakana

Following fonts are available:

- Noto Serif CJK JP

Example: "ク" (KATAKANA LETTER KU, U+30AF)

### 3.110. Bopomofo

Unicode character range: 3100..312F

[Unicode Bopomofo character list](#)

Scripts list as identified by xml2rfc: Bopomofo

Following fonts are available:

- Noto Sans Bopomofo

Example: "ㄨ" (BOPOMOFO LETTER U, U+3128)

### 3.111. Hangul Compatibility Jamo

Unicode character range: 3130..318F

[Unicode Hangul Compatibility Jamo character list](#)

Scripts list as identified by xml2rfc: Hangul

Following fonts are available:

- Noto Serif CJK KR

Example: "ㄹ" (HANGUL LETTER RIEUL-KIYEOK-SIOS, U+3169)

### 3.112. Kanbun

Unicode character range: 3190..319F

### [Unicode Kanbun character list](#)

Scripts list as identified by xml2rfc: Common, Han

Following fonts are available:

- Noto Serif
- Noto Serif CJK SC

Example: "下" (IDEOGRAPHIC ANNOTATION BOTTOM MARK, U+3198)

### **3.113. Bopomofo Extended**

Unicode character range: 31A0..31BF

### [Unicode Bopomofo Extended character list](#)

Scripts list as identified by xml2rfc: Bopomofo

Following fonts are available:

- Noto Sans Bopomofo

Example: "ㄨ" (BOPOMOFO LETTER IR, U+31A8)

### **3.114. CJK Strokes**

Unicode character range: 31C0..31EF

### [Unicode CJK Strokes character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.115. Katakana Phonetic Extensions**

Unicode character range: 31F0..31FF

### [Unicode Katakana Phonetic Extensions character list](#)

Scripts list as identified by xml2rfc: Katakana

Following fonts are available:

- Noto Serif CJK JP

Example: "フ" (KATAKANA LETTER SMALL HU, U+31F7)

### 3.116. Enclosed CJK Letters and Months

Unicode character range: 3200..32FF

[Unicode Enclosed CJK Letters and Months character list](#)

Scripts list as identified by xml2rfc: Common, Han

Following fonts are available:

- Noto Serif
- Noto Serif CJK SC

Example: "(協)" (PARENTHESES IDEOGRAPH ALLIANCE, U+323F)

### 3.117. CJK Compatibility

Unicode character range: 3300..33FF

[Unicode CJK Compatibility character list](#)

Scripts list as identified by xml2rfc: Katakana

Following fonts are available:

- Noto Serif CJK JP

Example: "㍈" (SQUARE MEGA, U+334B)

### 3.118. CJK Unified Ideographs Extension A

Unicode character range: 3400..4DBF

[Unicode CJK Unified Ideographs Extension A character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: "𪚦" (CJK UNIFIED IDEOGRAPH-4765, U+4765)

### 3.119. Yijing Hexagram Symbols

Unicode character range: 4DC0..4DFF

[Unicode Yijing Hexagram Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𐀀" (HEXAGRAM FOR ABUNDANCE, U+4DF6)

### 3.120. CJK Unified Ideographs

Unicode character range: 4E00..9FFF

[Unicode CJK Unified Ideographs character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: "膠" (CJK UNIFIED IDEOGRAPH-8CFF, U+8CFF)

### 3.121. Yi Syllables

Unicode character range: A000..A48F

[Unicode Yi Syllables character list](#)

Scripts list as identified by xml2rfc: Yi

Following fonts are available:

- Noto Sans Yi

Example: "ꨀ" (YI SYLLABLE HLUR, U+A1B0)

### 3.122. Yi Radicals

Unicode character range: A490..A4CF

[Unicode Yi Radicals character list](#)

Scripts list as identified by xml2rfc: Yi

Following fonts are available:

- Noto Sans Yi

Example: "ꨀ" (YI RADICAL JO, U+A4B3)

### 3.123. Lisu

Unicode character range: A4D0..A4FF

### [Unicode Lisu character list](#)

Scripts list as identified by xml2rfc: Lisu

Following fonts are available:

- Noto Sans Lisu

Example: "ᑏ" (LISU LETTER OE, U+A4F7)

### **3.124. Vai**

Unicode character range: A500..A63F

### [Unicode Vai character list](#)

Scripts list as identified by xml2rfc: Vai

Following fonts are available:

- Noto Sans Vai

Example: "Ꞃ" (VAI SYMBOL JONG, U+A61F)

### **3.125. Cyrillic Extended-B**

Unicode character range: A640..A69F

### [Unicode Cyrillic Extended-B character list](#)

Scripts list as identified by xml2rfc: Cyrillic

Following fonts are available:

- Noto Serif

Example: "ѣ" (CYRILLIC SMALL LETTER IOTA, U+A647)

### **3.126. Bamum**

Unicode character range: A6A0..A6FF

### [Unicode Bamum character list](#)

Scripts list as identified by xml2rfc: Bamum

Following fonts are available:

- Noto Sans Bamum

Example: "𞞐" (BAMUM LETTER NTEE, U+A6C7)

### 3.127. Modifier Tone Letters

Unicode character range: A700..A71F

[Unicode Modifier Tone Letters character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "¡" (MODIFIER LETTER LOW INVERTED EXCLAMATION MARK, U+A71F)

### 3.128. Latin Extended-D

Unicode character range: A720..A7FF

[Unicode Latin Extended-D character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "P̣" (LATIN CAPITAL LETTER P WITH FLOURISH, U+A752)

### 3.129. Syloti Nagri

Unicode character range: A800..A82F

[Unicode Syloti Nagri character list](#)

Scripts list as identified by xml2rfc: Syloti\_Nagri

Following fonts are available:

- Noto Sans Syloti Nagri

Example: "ଁ" (SYLOTI NAGRI VOWEL SIGN OO, U+A827)

### 3.130. Common Indic Number Forms

Unicode character range: A830..A83F

[Unicode Common Indic Number Forms character list](#)

Scripts list as identified by xml2rfc: Common, Devanagari, Dogra, Gujarati, Gurmukhi, Kaithi, Kannada, Khojki, Khudawadi, Mahajani, Modi, Takri, Tirhuta

Following fonts are available:

- Noto Serif
- Noto Serif Devanagari
- Noto Sans Dogra
- Noto Serif Gujarati
- Noto Sans Gurmukhi
- Noto Sans Kaithi
- Noto Serif Kannada
- Noto Sans Khojki
- Noto Sans Khudawadi
- Noto Sans Mahajani
- Noto Sans Modi
- Noto Sans Takri
- Noto Sans Tirhuta

Example: "𑂔" (NORTH INDIC FRACTION ONE EIGHTH, U+A834)

### 3.131. Phags-pa

Unicode character range: A840..A87F

[Unicode Phags-pa character list](#)

Scripts list as identified by xml2rfc: Phags\_Pa

Following fonts are available:

- Noto Sans Phags Pa

Example: "𑂏" (PHAGS-PA DOUBLE HEAD MARK, U+A875)

### 3.132. Saurashtra

Unicode character range: A880..A8DF

[Unicode Saurashtra character list](#)

Scripts list as identified by xml2rfc: Saurashtra

Following fonts are available:

- Noto Sans Saurashtra

Example: "𑂔" (SAURASHTRA SIGN CANDRABINDU, U+A8C5)

### 3.133. Devanagari Extended

Unicode character range: A8E0..A8FF

[Unicode Devanagari Extended character list](#)

Scripts list as identified by xml2rfc: Devanagari, Tamil

Following fonts are available:

- Noto Serif Devanagari
- Noto Serif Tamil

Example: "ꣳ" (DEVANAGARI SIGN DOUBLE CANDRABINDU VIRAMA, U+A8F4)

### 3.134. Kayah Li

Unicode character range: A900..A92F

[Unicode Kayah Li character list](#)

Scripts list as identified by xml2rfc: Common, Kayah\_Li, Latin, Myanmar

Following fonts are available:

- Noto Serif
- Noto Sans Kayah Li
- Noto Serif
- Noto Serif Myanmar

Example: "ꣳ" (KAYAH LI SIGN CWI, U+A92E)

### 3.135. Rejang

Unicode character range: A930..A95F

[Unicode Rejang character list](#)

Scripts list as identified by xml2rfc: Rejang

Following fonts are available:

- Noto Sans Rejang

Example: "ꣳ" (REJANG LETTER LA, U+A93E)

### 3.136. Hangul Jamo Extended-A

Unicode character range: A960..A97F



### [Unicode Hangul Jamo Extended-A character list](#)

Scripts list as identified by xml2rfc: Hangul

Following fonts are available:

- Noto Serif CJK KR

Example: "ᄇ" (HANGUL CHOSEONG TIKEUT-CIEUC, U+A963)

### **3.137. Javanese**

Unicode character range: A980..A9DF

#### [Unicode Javanese character list](#)

Scripts list as identified by xml2rfc: Javanese

Following fonts are available:

- Noto Sans Javanese

Example: "ꦱ" (JAVANESE LETTER SA, U+A9B1)

### **3.138. Myanmar Extended-B**

Unicode character range: A9E0..A9FF

#### [Unicode Myanmar Extended-B character list](#)

Scripts list as identified by xml2rfc: Myanmar

Following fonts are available:

- Noto Serif Myanmar

Example: "꠶" (MYANMAR SIGN SHAN SAW, U+A9E5)

### **3.139. Cham**

Unicode character range: AA00..AA5F

#### [Unicode Cham character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.140. Myanmar Extended-A**

Unicode character range: AA60..AA7F

### [Unicode Myanmar Extended-A character list](#)

Scripts list as identified by xml2rfc: Myanmar

Following fonts are available:

- Noto Serif Myanmar

Example: "ၠ" (MYANMAR LETTER KHAMTI DHA, U+AA6A)

### **3.141. Tai Viet**

Unicode character range: AA80..AADF

#### [Unicode Tai Viet character list](#)

Scripts list as identified by xml2rfc: Tai\_Viet

Following fonts are available:

- Noto Serif

Example: "ᨠ" (TAI VIET LETTER HIGH PO, U+AA9D)

### **3.142. Meetei Mayek Extensions**

Unicode character range: AAE0..AAFF

#### [Unicode Meetei Mayek Extensions character list](#)

Scripts list as identified by xml2rfc: Meetei\_Mayek

Following fonts are available:

- Noto Sans Meetei Mayek

Example: "᱆" (MEETEI MAYEK SYLLABLE REPETITION MARK, U+AAF3)

### **3.143. Ethiopic Extended-A**

Unicode character range: AB00..AB2F

#### [Unicode Ethiopic Extended-A character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.144. Latin Extended-E**

Unicode character range: AB30..AB6F

### [Unicode Latin Extended-E character list](#)

Scripts list as identified by xml2rfc: Latin

Following fonts are available:

- Noto Serif

Example: "ṛ" (LATIN SMALL LETTER DOUBLE R, U+AB48)

### **3.145. Cherokee Supplement**

Unicode character range: AB70..ABBF

### [Unicode Cherokee Supplement character list](#)

Scripts list as identified by xml2rfc: Cherokee

Following fonts are available:

- Noto Sans Cherokee

Example: "ᐃ" (CHEROKEE SMALL LETTER TLV, U+ABB2)

### **3.146. Meetei Mayek**

Unicode character range: ABC0..ABFF

### [Unicode Meetei Mayek character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.147. Hangul Syllables**

Unicode character range: AC00..D7AF

### [Unicode Hangul Syllables character list](#)

Scripts list as identified by xml2rfc: Hangul

Following fonts are available:

- Noto Serif CJK KR

Example: "췀" (HANGUL SYLLABLE JOEN, U+C8C8)

### **3.148. Hangul Jamo Extended-B**

Unicode character range: D7B0..D7FF

### [Unicode Hangul Jamo Extended-B character list](#)

Scripts list as identified by xml2rfc: Hangul

Following fonts are available:

- Noto Serif CJK KR

Example: " 한 " (HANGUL JONGSEONG RIEUL-PIEUP-PHIEUPH, U+D7DA)

### **3.149. High Surrogates**

Unicode character range: D800..DB7F

#### [Unicode High Surrogates character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.150. High Private Use Surrogates**

Unicode character range: DB80..DBFF

#### [Unicode High Private Use Surrogates character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.151. Low Surrogates**

Unicode character range: DC00..DFFF

#### [Unicode Low Surrogates character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.152. Private Use Area**

Unicode character range: E000..F8FF

#### [Unicode Private Use Area character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.153. CJK Compatibility Ideographs

Unicode character range: F900..FAFF

[Unicode CJK Compatibility Ideographs character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: "樂" (CJK COMPATIBILITY IDEOGRAPH-F914, U+F914)

### 3.154. Alphabetic Presentation Forms

Unicode character range: FB00..FB4F

[Unicode Alphabetic Presentation Forms character list](#)

Scripts list as identified by xml2rfc: Hebrew

Following fonts are available:

- Noto Serif Hebrew

Example: "ך" (HEBREW LETTER FINAL KAF WITH DAGESH, U+FB3A)

### 3.155. Arabic Presentation Forms-A

Unicode character range: FB50..FDFD

[Unicode Arabic Presentation Forms-A character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "بن" (ARABIC LIGATURE BEH WITH NOON FINAL FORM, U+FC6D)

### 3.156. Variation Selectors

Unicode character range: FE00..FE0F

[Unicode Variation Selectors character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "" (VARIATION SELECTOR-3, U+FE02)

### 3.157. Vertical Forms

Unicode character range: FE10..FE1F

[Unicode Vertical Forms character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⌋" (PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRACKET, U+FE18)

### 3.158. Combining Half Marks

Unicode character range: FE20..FE2F

[Unicode Combining Half Marks character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "˜" (COMBINING TILDE LEFT HALF BELOW, U+FE29)

### 3.159. CJK Compatibility Forms

Unicode character range: FE30..FE4F

[Unicode CJK Compatibility Forms character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⌵" (PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET, U+FE3D)

### 3.160. Small Form Variants

Unicode character range: FE50..FE6F

[Unicode Small Form Variants character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " – " (SMALL EM DASH, U+FE58)

### 3.161. Arabic Presentation Forms-B

Unicode character range: FE70..FEFF

[Unicode Arabic Presentation Forms-B character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "ﻻ" (ARABIC LETTER HAH MEDIAL FORM, U+FEA4)

### 3.162. Halfwidth and Fullwidth Forms

Unicode character range: FF00..FFEF

[Unicode Halfwidth and Fullwidth Forms character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.163. Specials

Unicode character range: FFF0..FFFF

[Unicode Specials character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (INTERLINEAR ANNOTATION TERMINATOR, U+FFFB)

### 3.164. Linear B Syllabary

Unicode character range: 10000..1007F

[Unicode Linear B Syllabary character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.165. Linear B Ideograms

Unicode character range: 10080..100FF

[Unicode Linear B Ideograms character list](#)

Scripts list as identified by xml2rfc: Linear\_B

Following fonts are available:

- Noto Sans Linear B

Example: "𐀀" (LINEAR B IDEOGRAM VESSEL B209, U+100E8)

### 3.166. Aegean Numbers

Unicode character range: 10100..1013F

[Unicode Aegean Numbers character list](#)

Scripts list as identified by xml2rfc: Common, Cypriot, Linear\_A, Linear\_B

Following fonts are available:

- Noto Serif
- Noto Sans Cypriot
- Noto Sans Linear A
- Noto Sans Linear B

Example: "Ϟ" (AEGEAN NUMBER ONE THOUSAND, U+10122)

### 3.167. Ancient Greek Numbers

Unicode character range: 10140..1018F

[Unicode Ancient Greek Numbers character list](#)

Scripts list as identified by xml2rfc: Greek



Following fonts are available:

- Noto Serif

Example: "𐌆" (GREEK ACROPHONIC ATTIC TEN MNAS, U+10157)

### **3.168. Ancient Symbols**

Unicode character range: 10190..101CF

[Unicode Ancient Symbols character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.169. Phaistos Disc**

Unicode character range: 101D0..101FF

[Unicode Phaistos Disc character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𐀀" (PHAISTOS DISC SIGN BEEHIVE, U+101E7)

### **3.170. Lycian**

Unicode character range: 10280..1029F

[Unicode Lycian character list](#)

Scripts list as identified by xml2rfc: Lycian

Following fonts are available:

- Noto Sans Lycian

Example: "𐌈" (LYCIAN LETTER H, U+1029B)

### **3.171. Carian**

Unicode character range: 102A0..102DF

[Unicode Carian character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.172. Coptic Epact Numbers

Unicode character range: 102E0..102FF

[Unicode Coptic Epact Numbers character list](#)

Scripts list as identified by xml2rfc: Arabic, Common, Coptic

Following fonts are available:

- Noto Sans Arabic
- Noto Serif
- Noto Sans Coptic

Example: "Ⲛ" (COPTIC EPACT DIGIT THREE, U+102E3)

### 3.173. Old Italic

Unicode character range: 10300..1032F

[Unicode Old Italic character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.174. Gothic

Unicode character range: 10330..1034F

[Unicode Gothic character list](#)

Scripts list as identified by xml2rfc: Gothic

Following fonts are available:

- Noto Sans Gothic

Example: "N" (GOTHIC LETTER NAUTHS, U+1033D)

### 3.175. Old Permic

Unicode character range: 10350..1037F

[Unicode Old Permic character list](#)

Scripts list as identified by xml2rfc: Old\_Permic

Following fonts are available:

- Noto Sans Old Permic

Example: " " (OLD PERMIC LETTER SHOOI, U+10365)

### 3.176. Ugaritic

Unicode character range: 10380..1039F

[Unicode Ugaritic character list](#)

Scripts list as identified by xml2rfc: Ugaritic

Following fonts are available:

- Noto Sans Ugaritic

Example: "𐎗" (UGARITIC LETTER U, U+1039C)

### 3.177. Old Persian

Unicode character range: 103A0..103DF

[Unicode Old Persian character list](#)

Scripts list as identified by xml2rfc: Old\_Persian

Following fonts are available:

- Noto Sans Old Persian

Example: "𐎧" (OLD PERSIAN SIGN FA, U+103B3)

### 3.178. Deseret

Unicode character range: 10400..1044F

[Unicode Deseret character list](#)

Scripts list as identified by xml2rfc: Deseret

Following fonts are available:

- Noto Sans Deseret

Example: "𐐆" (DESERET CAPITAL LETTER ER, U+10421)

### 3.179. Shavian

Unicode character range: 10450..1047F

### [Unicode Shavian character list](#)

Scripts list as identified by xml2rfc: Shavian

Following fonts are available:

- Noto Sans Shavian

Example: "𐌆" (SHAVIAN LETTER OIL, U+10476)

### **3.180. Osmanya**

Unicode character range: 10480..104AF

### [Unicode Osmanya character list](#)

Scripts list as identified by xml2rfc: Osmanya

Following fonts are available:

- Noto Sans Osmanya

Example: "𐌆" (OSMANYA DIGIT FOUR, U+104A4)

### **3.181. Osage**

Unicode character range: 104B0..104FF

### [Unicode Osage character list](#)

Scripts list as identified by xml2rfc: Osage

Following fonts are available:

- Noto Sans Osage

Example: "𐌆" (OSAGE SMALL LETTER EHCHA, U+104DE)

### **3.182. Elbasan**

Unicode character range: 10500..1052F

### [Unicode Elbasan character list](#)

Scripts list as identified by xml2rfc: Elbasan

Following fonts are available:

- Noto Sans Elbasan

Example: "𐌆" (ELBASAN LETTER ZE, U+10523)

### 3.183. Caucasian Albanian

Unicode character range: 10530..1056F

[Unicode Caucasian Albanian character list](#)

Scripts list as identified by xml2rfc: Caucasian\_Albanian

Following fonts are available:

- Noto Sans Caucasian Albanian

Example: " " (CAUCASIAN ALBANIAN LETTER SHA, U+1053D)

### 3.184. Linear A

Unicode character range: 10600..1077F

[Unicode Linear A character list](#)

Scripts list as identified by xml2rfc: Linear\_A

Following fonts are available:

- Noto Sans Linear A

Example: " " (LINEAR A SIGN A328, U+10674)

### 3.185. Cypriot Syllabary

Unicode character range: 10800..1083F

[Unicode Cypriot Syllabary character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.186. Imperial Aramaic

Unicode character range: 10840..1085F

[Unicode Imperial Aramaic character list](#)

Scripts list as identified by xml2rfc: Imperial\_Aramaic

Following fonts are available:

- Noto Sans Imperial Aramaic

Example: "𐤀" (IMPERIAL ARAMAIC NUMBER ONE, U+10858)

### 3.187. Palmyrene

Unicode character range: 10860..1087F

[Unicode Palmyrene character list](#)

Scripts list as identified by xml2rfc: Palmyrene

Following fonts are available:

- Noto Sans Palmyrene

Example: "𐤇" (PALMYRENE LETTER MEM, U+1086C)

### 3.188. Nabataean

Unicode character range: 10880..108AF

[Unicode Nabataean character list](#)

Scripts list as identified by xml2rfc: Nabataean

Following fonts are available:

- Noto Sans Nabataean

Example: "𐤀" (NABATAEAN LETTER ALEPH, U+10881)

### 3.189. Hatran

Unicode character range: 108E0..108FF

[Unicode Hatran character list](#)

Scripts list as identified by xml2rfc: Hatran

Following fonts are available:

- Noto Sans Hatran

Example: "𐤇" (HATRAN LETTER QOPH, U+108F2)

### 3.190. Phoenician

Unicode character range: 10900..1091F

[Unicode Phoenician character list](#)

Scripts list as identified by xml2rfc: Phoenician

Following fonts are available:

- Noto Sans Phoenician

Example: "𐤁" (PHOENICIAN LETTER HE, U+10904)

### 3.191. Lydian

Unicode character range: 10920..1093F

[Unicode Lydian character list](#)

Scripts list as identified by xml2rfc: Lydian

Following fonts are available:

- Noto Sans Lydian

Example: "𐤂" (LYDIAN LETTER K, U+10928)

### 3.192. Meroitic Hieroglyphs

Unicode character range: 10980..1099F

[Unicode Meroitic Hieroglyphs character list](#)

Scripts list as identified by xml2rfc: Meroitic\_Hieroglyphs

Following fonts are available:

- Noto Sans Meroitic Hieroglyphs

Example: "𐎎" (MEROITIC HIEROGLYPHIC LETTER NA, U+1098A)

### 3.193. Meroitic Cursive

Unicode character range: 109A0..109FF

[Unicode Meroitic Cursive character list](#)

Scripts list as identified by xml2rfc: Meroitic\_Cursive

Following fonts are available:

- Noto Sans Meroitic Cursive

Example: "𐎍" (MEROITIC CURSIVE NUMBER THREE HUNDRED THOUSAND, U+109EF)

### 3.194. Kharoshthi

Unicode character range: 10A00..10A5F

### [Unicode Kharoshthi character list](#)

Scripts list as identified by xml2rfc: Kharoshthi

Following fonts are available:

- Noto Sans Kharoshthi

Example: "𑖠" (KHAROSHTHI LETTER MA, U+10A28)

### **3.195. Old South Arabian**

Unicode character range: 10A60..10A7F

### [Unicode Old South Arabian character list](#)

Scripts list as identified by xml2rfc: Old\_South\_Arabian

Following fonts are available:

- Noto Sans Old South Arabian

Example: "𐩇" (OLD SOUTH ARABIAN LETTER QOPH, U+10A64)

### **3.196. Old North Arabian**

Unicode character range: 10A80..10A9F

### [Unicode Old North Arabian character list](#)

Scripts list as identified by xml2rfc: Old\_North\_Arabian

Following fonts are available:

- Noto Sans Old North Arabian

Example: "𐩈" (OLD NORTH ARABIAN LETTER TAH, U+10A97)

### **3.197. Manichaean**

Unicode character range: 10AC0..10AFF

### [Unicode Manichaean character list](#)

Scripts list as identified by xml2rfc: Manichaean

Following fonts are available:

- Noto Sans Manichaean

Example: "𐭆" (MANICHAEAN LETTER SHIN, U+10AE2)



### 3.198. Avestan

Unicode character range: 10B00..10B3F

[Unicode Avestan character list](#)

Scripts list as identified by xml2rfc: Avestan

Following fonts are available:

- Noto Sans Avestan

Example: "𐬰" (AVESTAN LETTER THE, U+10B1A)

### 3.199. Inscriptional Parthian

Unicode character range: 10B40..10B5F

[Unicode Inscriptional Parthian character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.200. Inscriptional Pahlavi

Unicode character range: 10B60..10B7F

[Unicode Inscriptional Pahlavi character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.201. Psalter Pahlavi

Unicode character range: 10B80..10BAF

[Unicode Psalter Pahlavi character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.202. Old Turkic

Unicode character range: 10C00..10C4F

[Unicode Old Turkic character list](#)

Scripts list as identified by xml2rfc: Old\_Turkic

Following fonts are available:

- Noto Sans Old Turkic

Example: "𐰢" (OLD TURKIC LETTER ORKHON ENC, U+10C28)

### 3.203. Old Hungarian

Unicode character range: 10C80..10CFF

[Unicode Old Hungarian character list](#)

Scripts list as identified by xml2rfc: Old\_Hungarian

Following fonts are available:

- Noto Sans Old Hungarian

Example: " " (OLD HUNGARIAN CAPITAL LETTER AND, U+10C88)

### 3.204. Hanifi Rohingya

Unicode character range: 10D00..10D3F

[Unicode Hanifi Rohingya character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.205. Rumi Numeral Symbols

Unicode character range: 10E60..10E7F

[Unicode Rumi Numeral Symbols character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "٤" (RUMI NUMBER SIXTY, U+10E6E)

### 3.206. Old Sogdian

Unicode character range: 10F00..10F2F

[Unicode Old Sogdian character list](#)

Scripts list as identified by xml2rfc: Old\_Sogdian

Following fonts are available:

- Noto Sans Old Sogdian

Example: " " (OLD SOGDIAN LETTER WAW, U+10F07)

### 3.207. Sogdian

Unicode character range: 10F30..10F6F

[Unicode Sogdian character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.208. Brahmi

Unicode character range: 11000..1107F

[Unicode Brahmi character list](#)

Scripts list as identified by xml2rfc: Brahmi

Following fonts are available:

- Noto Sans Brahmi

Example: "" (BRAHMI VOWEL SIGN E, U+11042)

### 3.209. Kaithi

Unicode character range: 11080..110CF

[Unicode Kaithi character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.210. Sora Sompeng

Unicode character range: 110D0..110FF

[Unicode Sora Sompeng character list](#)

Scripts list as identified by xml2rfc: Sora\_Sompeng

Following fonts are available:

- Noto Sans Sora Sompeng

Example: " " (SORA SOMPENG LETTER MAH, U+110D6)

### 3.211. Chakma

Unicode character range: 11100..1114F

[Unicode Chakma character list](#)

Scripts list as identified by xml2rfc: Chakma

Following fonts are available:

- Noto Sans Chakma

Example: "𑄢" (CHAKMA LETTER HAA, U+11126)

### 3.212. Mahajani

Unicode character range: 11150..1117F

[Unicode Mahajani character list](#)

Scripts list as identified by xml2rfc: Mahajani

Following fonts are available:

- Noto Sans Mahajani

Example: "𑄢" (MAHAJANI LETTER GHA, U+11158)

### 3.213. Sharada

Unicode character range: 11180..111DF

[Unicode Sharada character list](#)

Scripts list as identified by xml2rfc: Sharada

Following fonts are available:

- Noto Sans Sharada

Example: "𑄢" (SHARADA LETTER VOCALIC L, U+1118B)

### 3.214. Sinhala Archaic Numbers

Unicode character range: 111E0..111FF

### [Unicode Sinhala Archaic Numbers character list](#)

Scripts list as identified by xml2rfc: Sinhala

Following fonts are available:

- Noto Serif Sinhala

Example: "௪" (SINHALA ARCHAIC NUMBER TWENTY, U+111EB)

### **3.215. Khojki**

Unicode character range: 11200..1124F

#### [Unicode Khojki character list](#)

Scripts list as identified by xml2rfc: Khojki

Following fonts are available:

- Noto Sans Khojki

Example: "𑌀" (KHOJKI LETTER LA, U+11227)

### **3.216. Multani**

Unicode character range: 11280..112AF

#### [Unicode Multani character list](#)

Scripts list as identified by xml2rfc: Multani

Following fonts are available:

- Noto Sans Multani

Example: "𑌀" (MULTANI LETTER SA, U+112A5)

### **3.217. Khudawadi**

Unicode character range: 112B0..112FF

#### [Unicode Khudawadi character list](#)

Scripts list as identified by xml2rfc: Khudawadi

Following fonts are available:

- Noto Sans Khudawadi

Example: "𑌀" (KHUDAWADI LETTER KA, U+112BA)

### 3.218. Grantha

Unicode character range: 11300..1137F

[Unicode Grantha character list](#)

Scripts list as identified by xml2rfc: Grantha

Following fonts are available:

- Noto Sans Grantha

Example: " " (GRANTHA LETTER VEDIC DOUBLE ANUSVARA, U+1135F)

### 3.219. Newa

Unicode character range: 11400..1147F

[Unicode Newa character list](#)

Scripts list as identified by xml2rfc: Newa

Following fonts are available:

- Noto Sans Newa

Example: " " (NEWA LETTER GA, U+11410)

### 3.220. Tirhuta

Unicode character range: 11480..114DF

[Unicode Tirhuta character list](#)

Scripts list as identified by xml2rfc: Tirhuta

Following fonts are available:

- Noto Sans Tirhuta

Example: " " (TIRHUTA LETTER UU, U+11486)

### 3.221. Siddham

Unicode character range: 11580..115FF

[Unicode Siddham character list](#)

Scripts list as identified by xml2rfc: Siddham

Following fonts are available:

- Noto Sans Siddham

Example: " " (SIDDHAM VOWEL SIGN VOCALIC R, U+115B4)

### **3.222. Modi**

Unicode character range: 11600..1165F

[Unicode Modi character list](#)

Scripts list as identified by xml2rfc: Modi

Following fonts are available:

- Noto Sans Modi

Example: " " (MODI VOWEL SIGN U, U+11633)

### **3.223. Mongolian Supplement**

Unicode character range: 11660..1167F

[Unicode Mongolian Supplement character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.224. Takri**

Unicode character range: 11680..116CF

[Unicode Takri character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.225. Ahom**

Unicode character range: 11700..1173F

[Unicode Ahom character list](#)

Scripts list as identified by xml2rfc: Ahom

Following fonts are available:

- Noto Sans Ahom

Example: " " (AHOM DIGIT NINE, U+11739)

### 3.226. Dogra

Unicode character range: 11800..1184F

[Unicode Dogra character list](#)

Scripts list as identified by xml2rfc: Dogra

Following fonts are available:

- Noto Sans Dogra

Example: " " (DOGRA LETTER U, U+11804)

### 3.227. Warang Citi

Unicode character range: 118A0..118FF

[Unicode Warang Citi character list](#)

Scripts list as identified by xml2rfc: Warang\_Citi

Following fonts are available:

- Noto Sans Warang Citi

Example: " " (WARANG CITI SMALL LETTER TTE, U+118D2)

### 3.228. Zanabazar Square

Unicode character range: 11A00..11A4F

[Unicode Zanabazar Square character list](#)

Scripts list as identified by xml2rfc: Zanabazar\_Square

Following fonts are available:

- Noto Sans Zanabazar Square

Example: " " (ZANABAZAR SQUARE LETTER CHA, U+11A11)

### 3.229. Soyombo

Unicode character range: 11A50..11AAF

[Unicode Soyombo character list](#)

Scripts list as identified by xml2rfc: Soyombo



Following fonts are available:

- Noto Sans Soyombo

Example: " " (SOYOMBO HEAD MARK WITH MOON AND SUN AND TRIPLE FLAME, U+11A9E)

### **3.230. Pau Cin Hau**

Unicode character range: 11AC0..11AFF

[Unicode Pau Cin Hau character list](#)

Scripts list as identified by xml2rfc: Pau\_Cin\_Hau

Following fonts are available:

- Noto Sans Pau Cin Hau

Example: " " (PAU CIN HAU LETTER MA, U+11AC3)

### **3.231. Bhaiksuki**

Unicode character range: 11C00..11C6F

[Unicode Bhaiksuki character list](#)

Scripts list as identified by xml2rfc: Bhaiksuki

Following fonts are available:

- Noto Sans Bhaiksuki

Example: " " (BHAIKSUKI LETTER GA, U+11C10)

### **3.232. Marchen**

Unicode character range: 11C70..11CBF

[Unicode Marchen character list](#)

Scripts list as identified by xml2rfc: Marchen

Following fonts are available:

- Noto Sans Marchen

Example: " " (MARCHEN LETTER ZHA, U+11C86)

### **3.233. Masaram Gondi**

Unicode character range: 11D00..11D5F

### [Unicode Masaram Gondi character list](#)

Scripts list as identified by xml2rfc: Masaram\_Gondi

Following fonts are available:

- Noto Sans Masaram Gondi

Example: " " (MASARAM GONDI LETTER GHA, U+11D0F)

### **3.234. Gunjala Gondi**

Unicode character range: 11D60..11DAF

### [Unicode Gunjala Gondi character list](#)

Scripts list as identified by xml2rfc: Gunjala\_Gondi

Following fonts are available:

- Noto Sans Gunjala Gondi

Example: " " (GUNJALA GONDI LETTER UU, U+11D65)

### **3.235. Makasar**

Unicode character range: 11EE0..11EFF

### [Unicode Makasar character list](#)

Scripts list as identified by xml2rfc: Makasar

Following fonts are available:

- Noto Sans Makasar

Example: " " (MAKASAR LETTER A, U+11EF1)

### **3.236. Cuneiform**

Unicode character range: 12000..123FF

### [Unicode Cuneiform character list](#)

Scripts list as identified by xml2rfc: Cuneiform

Following fonts are available:

- Noto Sans Cuneiform

Example: "𐎧𐎫𐎷𐎵" (CUNEIFORM SIGN KA TIMES BAR, U+1215E)

### 3.237. Cuneiform Numbers and Punctuation

Unicode character range: 12400..1247F

[Unicode Cuneiform Numbers and Punctuation character list](#)

Scripts list as identified by xml2rfc: Cuneiform

Following fonts are available:

- Noto Sans Cuneiform

Example: "𐎶𐎵𐎶𐎵𐎶𐎵" (CUNEIFORM NUMERIC SIGN SEVEN SHAR2, U+12429)

### 3.238. Early Dynastic Cuneiform

Unicode character range: 12480..1254F

[Unicode Early Dynastic Cuneiform character list](#)

Scripts list as identified by xml2rfc: Cuneiform

Following fonts are available:

- Noto Sans Cuneiform

Example: "𐎶𐎵𐎶𐎵𐎶𐎵" (CUNEIFORM SIGN LAK-449 TIMES U2 PLUS BA, U+124F6)

### 3.239. Egyptian Hieroglyphs

Unicode character range: 13000..1342F

[Unicode Egyptian Hieroglyphs character list](#)

Scripts list as identified by xml2rfc: Egyptian\_Hieroglyphs

Following fonts are available:

- Noto Sans Egyptian Hieroglyphs

Example: "𐀀" (EGYPTIAN HIEROGLYPH NL002, U+13221)

### 3.240. Anatolian Hieroglyphs

Unicode character range: 14400..1467F

[Unicode Anatolian Hieroglyphs character list](#)

Scripts list as identified by xml2rfc: Anatolian\_Hieroglyphs

Following fonts are available:

- Noto Sans Anatolian Hieroglyphs

Example: "𐎶" (ANATOLIAN HIEROGLYPH A216, U+144F8)

### 3.241. Bamum Supplement

Unicode character range: 16800..16A3F

[Unicode Bamum Supplement character list](#)

Scripts list as identified by xml2rfc: Bamum

Following fonts are available:

- Noto Sans Bamum

Example: "Ʞ" (BAMUM LETTER PHASE-D KET, U+16904)

### 3.242. Mro

Unicode character range: 16A40..16A6F

[Unicode Mro character list](#)

Scripts list as identified by xml2rfc: Mro

Following fonts are available:

- Noto Sans Mro

Example: " " (MRO LETTER CHU, U+16A4B)

### 3.243. Bassa Vah

Unicode character range: 16AD0..16AFF

[Unicode Bassa Vah character list](#)

Scripts list as identified by xml2rfc: Bassa\_Vah

Following fonts are available:

- Noto Sans Bassa Vah

Example: " " (BASSA VAH LETTER DO, U+16ADE)

### 3.244. Pahawh Hmong

Unicode character range: 16B00..16B8F

### [Unicode Pahawh Hmong character list](#)

Scripts list as identified by xml2rfc: Pahawh\_Hmong

Following fonts are available:

- Noto Sans Pahawh Hmong

Example: " " (PAHAWH HMONG SIGN THIRD-STAGE HLI, U+16B66)

### **3.245. Medefaidrin**

Unicode character range: 16E40..16E9F

#### [Unicode Medefaidrin character list](#)

Scripts list as identified by xml2rfc: Medefaidrin

Following fonts are available:

- Noto Sans Medefaidrin

Example: " " (MEDEFAIDRIN NUMBER FOURTEEN, U+16E8E)

### **3.246. Miao**

Unicode character range: 16F00..16F9F

#### [Unicode Miao character list](#)

Scripts list as identified by xml2rfc: Miao

Following fonts are available:

- Noto Sans Miao

Example: " " (MIAO LETTER TONE-6, U+16F97)

### **3.247. Ideographic Symbols and Punctuation**

Unicode character range: 16FE0..16FFF

#### [Unicode Ideographic Symbols and Punctuation character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.248. Tangut**

Unicode character range: 17000..187FF

### [Unicode Tangut character list](#)

Scripts list as identified by xml2rfc: Tangut

Following fonts are available:

- Noto Sans Tangut

Example: " " (U+17517, U+17517)

### **3.249. Tangut Components**

Unicode character range: 18800..18AFF

### [Unicode Tangut Components character list](#)

Scripts list as identified by xml2rfc: Tangut

Following fonts are available:

- Noto Sans Tangut

Example: " " (TANGUT COMPONENT-439, U+189B6)

### **3.250. Kana Supplement**

Unicode character range: 1B000..1B0FF

### [Unicode Kana Supplement character list](#)

Scripts list as identified by xml2rfc: Hiragana

Following fonts are available:

- Noto Serif CJK JP

Example: " " (HENTAIGANA LETTER SO-5, U+1B05B)

### **3.251. Kana Extended-A**

Unicode character range: 1B100..1B12F

### [Unicode Kana Extended-A character list](#)

Scripts list as identified by xml2rfc: Hiragana

Following fonts are available:

- Noto Serif CJK JP

Example: " " (HENTAIGANA LETTER RE-4, U+1B101)

### 3.252. Nushu

Unicode character range: 1B170..1B2FF

[Unicode Nushu character list](#)

Scripts list as identified by xml2rfc: Nushu

Following fonts are available:

- Noto Sans Nushu

Example: " " (NUSHU CHARACTER-1B2EA, U+1B2EA)

### 3.253. Duployan

Unicode character range: 1BC00..1BC9F

[Unicode Duployan character list](#)

Scripts list as identified by xml2rfc: Duployan

Following fonts are available:

- Noto Sans Duployan

Example: " " (DUPLOYAN LETTER PERIN AM, U+1BC66)

### 3.254. Shorthand Format Controls

Unicode character range: 1BCA0..1BCAF

[Unicode Shorthand Format Controls character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.255. Byzantine Musical Symbols

Unicode character range: 1D000..1D0FF

[Unicode Byzantine Musical Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (BYZANTINE MUSICAL SYMBOL GORTHMIKON N APLOUN, U+1D0B4)

### 3.256. Musical Symbols

Unicode character range: 1D100..1D1FF

[Unicode Musical Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (MUSICAL SYMBOL GREGORIAN F CLEF, U+1D1D1)

### 3.257. Ancient Greek Musical Notation

Unicode character range: 1D200..1D24F

[Unicode Ancient Greek Musical Notation character list](#)

Scripts list as identified by xml2rfc: Greek

Following fonts are available:

- Noto Serif

Example: " " (COMBINING GREEK MUSICAL PENTASEME, U+1D244)

### 3.258. Mayan Numerals

Unicode character range: 1D2E0..1D2FF

[Unicode Mayan Numerals character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (MAYAN NUMERAL NINE, U+1D2E9)

### 3.259. Tai Xuan Jing Symbols

Unicode character range: 1D300..1D35F

[Unicode Tai Xuan Jing Symbols character list](#)

Scripts list as identified by xml2rfc: Common



Following fonts are available:

- Noto Serif

Example: "𐝒" (TETRAGRAM FOR RITUAL, U+1D335)

### 3.260. Counting Rod Numerals

Unicode character range: 1D360..1D37F

[Unicode Counting Rod Numerals character list](#)

Scripts list as identified by xml2rfc: Common, Han

Following fonts are available:

- Noto Serif
- Noto Serif CJK SC

Example: "𐝓" (COUNTING ROD UNIT DIGIT THREE, U+1D362)

### 3.261. Mathematical Alphanumeric Symbols

Unicode character range: 1D400..1D7FF

[Unicode Mathematical Alphanumeric Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "⅁" (MATHEMATICAL DOUBLE-STRUCK CAPITAL V, U+1D54D)

### 3.262. Sutton SignWriting

Unicode character range: 1D800..1DAAF

[Unicode Sutton SignWriting character list](#)

Scripts list as identified by xml2rfc: SignWriting

Following fonts are available:

- Noto Sans SignWriting

Example: "𐝒" (SIGNWRITING MOVEMENT-FLOORPLANE CORNER LARGE, U+1D976)

### 3.263. Glagolitic Supplement

Unicode character range: 1E000..1E02F

[Unicode Glagolitic Supplement character list](#)

Scripts list as identified by xml2rfc: Glagolitic

Following fonts are available:

- Noto Sans Glagolitic

Example: 𐌶𐌿𐌶 (COMBINING GLAGOLITIC LETTER IOTATED BIG YUS, U+1E029)

### 3.264. Mende Kikakui

Unicode character range: 1E800..1E8DF

[Unicode Mende Kikakui character list](#)

Scripts list as identified by xml2rfc: Mende\_Kikakui

Following fonts are available:

- Noto Sans Mende Kikakui

Example: " " (MENDE KIKAKUI SYLLABLE M005 WA, U+1E809)

### 3.265. Adlam

Unicode character range: 1E900..1E95F

[Unicode Adlam character list](#)

Scripts list as identified by xml2rfc: Adlam

Following fonts are available:

- Noto Sans Adlam

Example: "Ꞥ" (ADLAM SMALL LETTER TU, U+1E93C)

### 3.266. Indic Siyaq Numbers

Unicode character range: 1EC70..1ECBF

[Unicode Indic Siyaq Numbers character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: " " (INDIC SIYAQ NUMBER THIRTY, U+1EC7C)

### 3.267. Arabic Mathematical Alphabetic Symbols

Unicode character range: 1EE00..1EEFF

[Unicode Arabic Mathematical Alphabetic Symbols character list](#)

Scripts list as identified by xml2rfc: Arabic

Following fonts are available:

- Noto Sans Arabic

Example: "ﻥ" (ARABIC MATHEMATICAL NOON, U+1EE0D)

### 3.268. Mahjong Tiles

Unicode character range: 1F000..1F02F

[Unicode Mahjong Tiles character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𞰪" (MAHJONG TILE TWO OF CHARACTERS, U+1F008)

### 3.269. Domino Tiles

Unicode character range: 1F030..1F09F

[Unicode Domino Tiles character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𞰮" (DOMINO TILE VERTICAL-03-04, U+1F07C)

### 3.270. Playing Cards

Unicode character range: 1F0A0..1F0FF

### [Unicode Playing Cards character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "♠" (PLAYING CARD WHITE JOKER, U+1F0DF)

## **3.271. Enclosed Alphanumeric Supplement**

Unicode character range: 1F100..1F1FF

### [Unicode Enclosed Alphanumeric Supplement character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "🇬" (REGIONAL INDICATOR SYMBOL LETTER G, U+1F1EC)

## **3.272. Enclosed Ideographic Supplement**

Unicode character range: 1F200..1F2FF

### [Unicode Enclosed Ideographic Supplement character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "𪛓" (SQUARED CJK UNIFIED IDEOGRAPH-914D, U+1F23B)

## **3.273. Miscellaneous Symbols and Pictographs**

Unicode character range: 1F300..1F5FF

### [Unicode Miscellaneous Symbols and Pictographs character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "🍻" (CLINKING BEER MUGS, U+1F37B)

### 3.274. Emoticons

Unicode character range: 1F600..1F64F

[Unicode Emoticons character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "😞" (WEARY FACE, U+1F629)

### 3.275. Ornamental Dingbats

Unicode character range: 1F650..1F67F

[Unicode Ornamental Dingbats character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "🌿" (HEAVY SOUTH WEST POINTING VINE LEAF, U+1F65D)

### 3.276. Transport and Map Symbols

Unicode character range: 1F680..1F6FF

[Unicode Transport and Map Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "🚍" (TROLLEYBUS, U+1F68E)

### 3.277. Alchemical Symbols

Unicode character range: 1F700..1F77F

[Unicode Alchemical Symbols character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "Ʇ" (ALCHEMICAL SYMBOL FOR GUM, U+1F749)

### 3.278. Geometric Shapes Extended

Unicode character range: 1F780..1F7FF

[Unicode Geometric Shapes Extended character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "▴" (BLACK RIGHT-POINTING ISOSCELES RIGHT TRIANGLE, U+1F782)

### 3.279. Supplemental Arrows-C

Unicode character range: 1F800..1F8FF

[Unicode Supplemental Arrows-C character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "↴" (DOWNWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD, U+1F897)

### 3.280. Supplemental Symbols and Pictographs

Unicode character range: 1F900..1F9FF

[Unicode Supplemental Symbols and Pictographs character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### 3.281. Chess Symbols

Unicode character range: 1FA00..1FA6F

[Unicode Chess Symbols character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.282. CJK Unified Ideographs Extension B**

Unicode character range: 20000..2A6DF

[Unicode CJK Unified Ideographs Extension B character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK UNIFIED IDEOGRAPH-2758E, U+2758E)

### **3.283. CJK Unified Ideographs Extension C**

Unicode character range: 2A700..2B73F

[Unicode CJK Unified Ideographs Extension C character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK UNIFIED IDEOGRAPH-2B0C4, U+2B0C4)

### **3.284. CJK Unified Ideographs Extension D**

Unicode character range: 2B740..2B81F

[Unicode CJK Unified Ideographs Extension D character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK UNIFIED IDEOGRAPH-2B74E, U+2B74E)

### **3.285. CJK Unified Ideographs Extension E**

Unicode character range: 2B820..2CEAF

[Unicode CJK Unified Ideographs Extension E character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK UNIFIED IDEOGRAPH-2C83B, U+2C83B)

### **3.286. CJK Unified Ideographs Extension F**

Unicode character range: 2CEB0..2EBEF

[Unicode CJK Unified Ideographs Extension F character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK UNIFIED IDEOGRAPH-2EA30, U+2EA30)

### **3.287. CJK Compatibility Ideographs Supplement**

Unicode character range: 2F800..2FA1F

[Unicode CJK Compatibility Ideographs Supplement character list](#)

Scripts list as identified by xml2rfc: Han

Following fonts are available:

- Noto Serif CJK SC

Example: " " (CJK COMPATIBILITY IDEOGRAPH-2F934, U+2F934)

### **3.288. Tags**

Unicode character range: E0000..E007F

[Unicode Tags character list](#)

Scripts list as identified by xml2rfc: Common

Following fonts are available:

- Noto Serif

Example: "" (TAG RIGHT SQUARE BRACKET, U+E005D)

### **3.289. Variation Selectors Supplement**

Unicode character range: E0100..E01EF



### [Unicode Variation Selectors Supplement character list](#)

Scripts list as identified by xml2rfc: Inherited

Following fonts are available:

- Noto Sans Inherited

Example: "" (VARIATION SELECTOR-175, U+E019E)

### **3.290. Supplementary Private Use Area-A**

Unicode character range: F0000..FFFFF

#### [Unicode Supplementary Private Use Area-A character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

### **3.291. Supplementary Private Use Area-B**

Unicode character range: 100000..10FFFF

#### [Unicode Supplementary Private Use Area-B character list](#)

Scripts list as identified by xml2rfc: Unknown

There are no supported fonts.

## **4. Informative References**

[RFC7991] Hoffman, P., "The "xml2rfc" Version 3 Vocabulary", RFC 7991, DOI 10.17487/RFC7991, December 2016, <<https://www.rfc-editor.org/info/rfc7991>>.

[RFC7997] Flanagan, H., Ed., "The Use of Non-ASCII Characters in RFCs", RFC 7997, DOI 10.17487/RFC7997, December 2016, <<https://www.rfc-editor.org/info/rfc7997>>.

[unicode-blocks] Unicode, Inc., "Blocks-14.0.0", 1 January 2021, <<https://www.unicode.org/Public/14.0.0/ucd/Blocks.txt>>.

[xml2rfc] IETF, "xml2rfc", 8 March 2023, <<https://github.com/ietf-tools/xml2rfc/>>.

## Author's Address

**Kesara Nanayakkara Rathnayake**

IETF Administration LLC

New Zealand

Email: [kesara@fq.nz](mailto:kesara@fq.nz)

Additional contact information:

කෙසර නානායකරා රත්නායක

IETF Administration LLC

New Zealand