

What is this character?

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Revised: February 1, 2003

The following pages contain a list of character combinations not found as precomposed entities in the Unicode Standard, but apparently used in transliteration – they are from the private use area of the Verdana Reference font that is used for the Microsoft Bookshelf products.

Most of the characters appear to have straightforward mappings to combining character sequences, including some with multiple combining marks. A few characters, however, do not appear to have mappings (*e.g.* F73C, F73D), or do not appear to be decomposable, such as F776 or F777. Characters that cannot be mapped or decomposed with certainty have been highlighted in the chart.

All characters in this list have been named. For decompositions, the name is automatically generated from the name of the constituents. This does not mean that the character exists as precomposed in the Unicode Standard. Where the character does not exist, or no decomposition has been found, the name either reflects some information about the shape or function of the character or else UNKNOWN-n has been used as a place holder.



I'm interested in finding out more about any of the characters on these pages, for example if you know which language use some of these characters, or if you think one or more of the characters here could qualify as Unicode characters, I would be interested to learn more. I am also interested in getting feedback on the mappings for the non-highlighted characters.

The list dates from the late nineties, some characters have been added to Unicode, so that a few of the shapes here now have singleton mappings (F274 would now map to 1D53B). For some others, the compilers of the list apparently felt uneasy about a mapping to characters that clearly existed in Unicode at the time (F7CE maps easily to the then existing 2124, and even though F788 deviates slightly from the glyph shown for 211A, it would be considered a good map within expected glyphic variation).








Please send anything you think might be of interest to me at asmus@unicode.org

Thanks.

	F6F	F70	F71	F72	F73	F74	F75	F76
0		à F700	ğ F710	ç F720	eə F730	Ḡ F740	ı̇ F750	Ṁ F760
1		ǣ F701	αυ F711	Ā F721	ei F731	Ḡ F741	ĩ F751	Ṁ F761
2		à F702	Ä F712	Ø F722	ę F732	ḡ F742	Ī F752	£ F762
3		aj F703	ä F713	đ F723	ɜː F733	Ḡ F743	ï F753	ŋ F763
4		ai F704	ɓ F714	Ð F724	ɜ F734	ḡ F744	ĩ F754	ŋ F764
5		a: F705	Ḃ F715	Œ F725	ẽː F735	ḥ F745	iː F755	ŋ F765
6		ã F706	Ḃ F716	Ɔ F726	ẽ F736	Ḥ F746	ĥ F756	ñ F766
7	á F6F7	ā F707	Č F717	Ɔ F727	εː F737	Ḷ F747	ķ F757	Ŋ F767
8	Á F6F8	ą F708	č F718	ɖ F728	ë F738	Ḥ F748	ı̇ F758	Ṁ F768
9	ǎ F6F9	ɓ F709	ç F719	ɖ F729	Ē F739	Í F749	Ḷ F759	ñ F769
A	Ą F6FA	ą F70A	Č F71A	Ḃ F72A	ɖ F73A	Í F74A	Ḷ F75A	ṁ F76A
B	á F6FB	Ā F70B	ç F71B	Ḃ F72B	eː F73B	Í F74B	ı̇ F75B	ñ F76B
C	āā F6FC	αυ F70C	Ḳ F71C	Ḃ F72C	Ḳ F73C	ĩ F74C	ı̇ F75C	Ṁ F76C
D	ǎ F6FD	ã F70D	Ḳ F71D	é F72D	Ḳ F73D	ı̇ F74D	ṁ F75D	ṁ F76D
E	ą F6FE	ãː F70E	ç F71E	ě F72E	Ḷ F73E	iː F74E	ṁ F75E	ó F76E
F	ǎ F6FF	aː F70F	Ā F71F	ę F72F	ḡ F73F	ı̇ F74F	ṁ F75F	ö F76F

	F77	F78	F79	F7A	F7B	F7C	F7D	F7E
0	Š F770	Φ F780	ŕ F790	Š F7A0	u: F7B0	Á F7C0	Ž F7D0	ɑ: F7E0
1	œ F771	Ø: F781	Ŕ F791	th F7A1	ұ F7B1	χ F7C1	Ẑ F7D1	ɔ: F7E1
2	œ̃ F772	σ F782	ř F792	˘ F7A2	ұ F7B2	Ḅ F7C2	ẑ F7D2	ə: F7E2
3	ŕ F773	o: F783	s F793	ţ F7A3	ũ F7B3	Ḅ F7C3	aj F7D3	ː F7E3
4	ŕ F774	Ö F784	š F794	ţ F7A4	ʁə F7B4	Ḅ F7C4		y: F7E4
5	ŕ F775	ö F785	Š F795	ţ F7A5	Ū F7B5	ÿ F7C5	ɔɜ F7D5	ţ F7E5
6	œ F776	Ḅ F786	ŕ F796	Ŧ F7A6	ü F7B6	ÿ F7C6	ɔɜ F7D6	- F7E6
7	œ F777	Ḅ F787	á F797	Ŧ F7A7	th F7B7	y F7C7	œ F7D7	oy F7E7
8	ɔ: F778	Q F788	ə F798	ţ F7A8	u: F7B8	y: F7C8	ř F7D8	ks F7E8
9	ò F779	q F789	əʊ F799	ţ F7A9	ü F7B9	z F7C9	ɔɜ F7D9	uj F7E9
A	ɔɪ F77A	Ḅ F78A	š F79A	ŕ F7AA	Ü F7BA	ž F7CA	Ḅ F7DA	pf F7EA
B	ō F77B	q̃ F78B	ş F79B	ţş F7AB	ú F7BB	z F7CB	ş F7DB	ç F7EB
C	š F77C	í F78C	ŕ F79C	ú F7AC	ŕ F7BC	z F7CC	ţ F7DC	è F7EC
D	ŕ F77D	ŕ F78D	ŕ F79D	ũ F7AD	ŕ F7BD	z F7CD	ž F7DD	æ F7ED
E	ŕ F77E	ř F78E	ŕ F79E	ұ F7AE	Ḅ F7BE	ZZ F7CE	⊖ F7DE	
F	ô F77F	ř F78F	ŕ F79F	ұ F7AF	Wz F7BF	z F7CF	˘ F7DF	

This is a listing of characters from the private use area of the Verdana Ref font. Characters for which a mapping to Unicode is uncertain, or which appear not covered in Unicode 4.0 are highlighted, however, all mappings are subject to further verification

F6F0		<reserved>
F6F1		<reserved>
F6F2		<reserved>
F6F3		<reserved>
F6F4		<reserved>
F6F5		<reserved>
F6F6		<reserved>
F6F7	á	LATIN SMALL LETTER A WITH DOT BELOW WITH ACUTE ACCENT ≡ 1EA1 a 0301 ó
F6F8	À	LATIN CAPITAL LETTER A WITH DOT BELOW WITH ACUTE ACCENT ≡ 1EA0 À 0301 ó
F6F9	â	LATIN SMALL LETTER A WITH MACRON AND ACUTE ACCENT ≡ 0061 a 0304 õ 0301 ó
F6FA	Ă	LATIN CAPITAL LETTER A WITH RETROFLEX HOOK BELOW AND ACUTE ACCENT ≡ 0041 A 0322 ă 0301 ó
F6FB	ă	LATIN SMALL LETTER A WITH ACUTE ACCENT AND DOT ABOVE ≡ 0061 a 0301 ó 0307 ȃ
F6FC	ā	LATIN SMALL LETTER A WITH DOUBLE MACRON AND LATIN SMALL LETTER A ≡ 0061 a 035E ā 0061 a
F6FD	ǎ	LATIN SMALL LETTER A WITH MACRON AND BREVE ≡ 0061 a 0304 õ 0306 ǎ
F6FE	ǣ	LATIN SMALL LETTER A WITH PALATALIZED HOOK BELOW ≡ 0061 a 0321 ǣ • or is this an 0061 a 0327 ǣ
F6FF	ǎ	LATIN SMALL LETTER A WITH DOUBLE ACUTE ACCENT ≡ 0061 a 030B ǎ
F700	à	LATIN CAPITAL LETTER A WITH ACUTE WITH DOT ABOVE ≡ 00C1 Á 0307 ȃ
F701	æ	LATIN SMALL LETTER AE WITH TILDE ≡ 00E6 æ 0303 ȳ
F702	à	LATIN SMALL LETTER A WITH DOT BELOW WITH ACUTE ACCENT ≡ 1EA1 a 0301 ó
F703	aj	LATIN SMALL LETTER AI DIGRAPH WITH TIE BELOW • unmapped • this needs a combining double tie below
F704	ai	LATIN SMALL LETTER A WITH LATIN SMALL LETTER DOTLESS I ≡ 0061 a 0131 ı

F705	a:	LATIN SMALL LETTER A WITH COLON ≡ 0061 a 003A : • confirm use of 003A :
F706	ã	LATIN SMALL LETTER ALPHA WITH TILDE ≡ 0251 a 0303 ȳ
F707	ā	LATIN SMALL LETTER ALPHA WITH MACRON ≡ 0251 a 0304 ā
F708	ą	LATIN SMALL LETTER ALPHA WITH OGONEK ≡ 0251 a 0328 ą
F709	ą	LATIN SMALL LETTER TURNED ALPHA WITH CARON BELOW ≡ 0252 ą 032C ą
F70A	ą	LATIN SMALL LETTER A WITH BREVE BELOW ≡ 0061 a 032E ą
F70B	Ā	LATIN CAPITAL LETTER A WITH OVERLINE ≡ 0041 A 0305 ā
F70C	av	LATIN SMALL LETTER A WITH LATIN SMALL LETTER UPSILON ≡ 0061 a 028A av
F70D	ã	LATIN SMALL LETTER A WITH MACRON WITH TILDE ≡ 0101 ā 0303 ȳ
F70E	ã	LATIN SMALL LETTER A WITH TILDE WITH MODIFIER LETTER TRIANGULAR COLON ≡ 00E3 ã 02D0 :
F70F	a:	LATIN SMALL LETTER A WITH COLON ≡ 0061 a 003A : • the use of “:” should be confirmed
F710	ą	LATIN SMALL LETTER TURNED A WITH INVERTED BREVE BELOW ≡ 0250 ą 032F ą
F711	aj	LATIN SMALL LETTER AU DIGRAPH WITH TIE BELOW • this needs a combining double tie below
F712	Ä	LATIN CAPITAL LETTER A WITH DOT BELOW WITH DIAERESIS ≡ 1EA0 Ä 0308 ö
F713	ä	LATIN SMALL LETTER A WITH DOT BELOW WITH DIAERESIS ≡ 1EA1 ä 0308 ö
F714	ɓ	LATIN SMALL LETTER B WITH RING BELOW ≡ 0062 b 0325 ɓ
F715	Ī	LATIN CAPITAL LETTER B WITH MACRON ≡ 0042 B 0304 ī
F716	Ī	LATIN CAPITAL LETTER B WITH OVERLINE ≡ 0042 B 0305 ī

F717	Č	LATIN CAPITAL LETTER C WITH BREVE ≡ 0043 C 0306 ǎ	F729	đ	LATIN SMALL LETTER D WITH PALATALIZED HOOK BELOW ≡ 0064 d 0321 ǧ
F718	č	LATIN SMALL LETTER C WITH BREVE ≡ 0063 c 0306 ǎ	F72A	Ď	LATIN CAPITAL LETTER D WITH MACRON ≡ 0044 D 0304 ȯ
F719	ç	LATIN SMALL LETTER C WITH COMMA BELOW ≡ 0063 c 0326 ̸ • verify mapping to comma below	F72B	Ḑ	LATIN CAPITAL LETTER D WITH OVERLINE ≡ 0044 D 0305 ̄
F71A	Ĉ	LATIN CAPITAL LETTER C WITH GRAVE ACCENT ≡ 0043 C 0300 ̀	F72C	Ḑ	F72B • this list appears to duplicate F72B Ḑ and F72C Ḑ
F71B	ĉ	LATIN SMALL LETTER C WITH GRAVE ACCENT ≡ 0063 c 0300 ̀	F72D	é	LATIN SMALL LETTER E WITH DOT BELOW WITH ACUTE ACCENT ≡ 1EB9 e 0301 ̇
F71C	Ⓜ	INVERSE CIRCLED LATIN CAPITAL LETTER I ≈ <inverse> 24BE Ⓜ circled latin capital letter i • unmapped, usage unknown	F72E	ë	LATIN SMALL LETTER E WITH MACRON AND BREVE ≡ 0065 e 0304 ̄ 0306 ǎ
F71D	Ⓧ	INVERSE CIRCLED LATIN CAPITAL LETTER F ≈ <inverse> 24BB Ⓧ circled latin capital letter f • unmapped, usage unknown	F72F	ę	LATIN SMALL LETTER E WITH PALATALIZED HOOK BELOW ≡ 0065 e 0321 ǧ
F71E	ċ	LATIN SMALL LETTER C WITH DOT BELOW ≡ 0063 c 0323 ̣	F730	eə	LATIN SMALL LETTER E WITH LATIN SMALL LETTER SCHWA ≡ 0065 e 0259 ə
F71F	Ċ	LATIN CAPITAL LETTER C WITH MACRON ≡ 0043 C 0304 ̄	F731	eı	LATIN SMALL LETTER E WITH LATIN SMALL LETTER DOTLESS I ≡ 0065 e 0131 ı
F720	ċ	LATIN SMALL LETTER C WITH OGONEK ≡ 0063 c 0328 ̣	F732	ę̄	LATIN SMALL LETTER E WITH INVERTED BREVE BELOW ≡ 0065 e 032F ̣
F721	Ċ	LATIN CAPITAL LETTER C WITH OVERLINE ≡ 0043 C 0305 ̄	F733	ɜː	LATIN SMALL LETTER REVERSED OPEN E WITH MODIFIER LETTER TRIANGULAR COLON ≡ 025C ɜ 02D0 ː
F722	Ĉ	LATIN CAPITAL LETTER C WITH LONG SOLIDUS OVERLAY ≡ 0043 C 0338 ̸	F734	ɜ	LATIN SMALL LETTER YOGH ≡ 021D ɜ latin small letter yogh • verify mapping
F723	ď	LATIN SMALL LETTER D WITH TILDE • is this supposed to be just a composition of 0064 d with tilde?	F735	ɛ̇ː	LATIN SMALL LETTER OPEN E WITH TILDE AND MODIFIER LETTER TRIANGULAR COLON ≡ 025B ɛ 0303 ̇ 02D0 ː
F724	Ḑ	MATHEMATICAL DOUBLE-STRUCK CAPITAL D ≡ 1D53B Ḑ mathematical double-struck capital d	F736	ɛ̇	LATIN SMALL LETTER OPEN E WITH TILDE ≡ 025B ɛ 0303 ̇
F725	Ɔ	UNKNOWN-2 • unmapped, usage unknown	F737	ɛ̇ː	LATIN SMALL LETTER OPEN E WITH LEFT HARPOON ABOVE ≡ 025B ɛ 20D0 ̇
F726	Ɔ	LATIN LETTER REVERSE CAPITAL D • unmapped, usage unknown	F738	ë	LATIN SMALL LETTER OPEN E WITH DIAERESIS ≡ 025B ɛ 0308 ̈
F727	Ɔ	LATIN LETTER REVERSE CAPITAL D ≡ F726 Ɔ latin letter reverse capital d • this list appears to duplicate F726 Ɔ and F727 Ɔ	F739	Ē	LATIN CAPITAL LETTER E WITH OVERLINE ≡ 0045 E 0305 ̄
F728	đ	LATIN SMALL LETTER D WITH CIRCUMFLEX ACCENT BELOW ≡ 0064 d 032D ̣	F73A	ḏ	LATIN SMALL LETTER ETH WITH DOT BELOW ≡ 00F0 ḏ 0323 ̣

F73B	e:	LATIN SMALL LETTER E WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0065 e 02D0 :	F74A	í	LATIN SMALL LETTER I WITH DOT BELOW AND ACUTE ACCENT ≡ 0069 i 0323 ◌ 0301 ◌
F73C	F̄	LATIN CAPITAL LETTER F WITH OVERLINE ≡ 0046 F 0305 ◌	F74B	í	LATIN SMALL LETTER I WITH MACRON AND ACUTE ACCENT ≡ 0069 i 0304 ◌ 0301 ◌
F73D	F̂	LATIN CAPITAL LETTER TIPPED F • unmapped, usage unknown	F74C	ĩ	LATIN SMALL LETTER I WITH MACRON AND BREVE ≡ 0069 i 0304 ◌ 0306 ◌
F73E	Ɔ	LATIN CAPITAL LETTER ROTATED F • unmapped, usage unknown	F74D	ı	LATIN SMALL LETTER I WITH RETROFLEX HOOK BELOW ≡ 0069 i 0322 ı
F73F	g̃	LATIN SMALL LETTER G WITH STROKE ≡ 01E5 g latin small letter g with stroke • the stroke is somewhat slanted • this mapping indirectly assumes that the base letter is 0067 g and not 0261 g (Since Verdana Ref is a sans-serif font, its 0067 g looks like the 0261 g in the Unicode Charts. The font instead shows a Y with vertical stem in location 0261 g , matching the glyph for its Greek small gamma)	F74E	i:	LATIN SMALL LETTER I WITH COLON ≡ 0069 i 003A : • the use of “:” should be confirmed
F740	Ġ	LATIN CAPITAL LETTER G WITH DOT BELOW ≡ 0047 G 0323 ◌	F74F	ì	LATIN SMALL LETTER I WITH DOT BELOW AND GRAVE ACCENT ≡ 0069 i 0323 ◌ 0300 ◌
F741	Ḡ	LATIN CAPITAL LETTER G WITH OVERLINE ≡ 0047 G 0305 ◌	F750	ȷ	LATIN SMALL LETTER I WITH PALATALIZED HOOK BELOW ≡ 0069 i 0321 ȷ
F742	g̈́	LATIN SMALL LETTER G WITH RING ABOVE ≡ 0067 g 030A ◌ • this mapping assumes that the base letter is 0067 g and not 0261 g (Since Verdana Ref is a sans-serif font, its 0067 g looks like the 0261 g in the Unicode Charts. The font instead shows a Y with vertical stem in location 0261 g , matching the glyph for its Greek small gamma)	F751	ĩ	LATIN SMALL LETTER I WITH TILDE WITH TILDE ≡ 0129 ĩ 0303 ◌
F743	Ĝ	UNKNOWN-3 • unmapped, source and use unknown • this appears to be decomposable into 0047 G and an unidentified accent	F752	Ī	LATIN CAPITAL LETTER J WITH OVERLINE ≡ 004A J 0305 ◌
F744	g̃	LATIN SMALL LETTER G WITH CEDILLA ≡ 0123 ĝ latin small letter g with cedilla	F753	ï	LATIN LETTER SMALL CAPITAL I WITH DIAERESIS ≡ 026A I 0308 ◌ • verify mapping
F745	h̄	LATIN SMALL LETTER H WITH MACRON BELOW ≡ 0068 h 0331 ◌	F754	ĩ̄	LATIN SMALL LETTER J WITH TILDE AND MACRON BELOW ≡ 006A j 0303 ◌ 0331 ◌
F746	H̄	LATIN CAPITAL LETTER H WITH MACRON BELOW ≡ 0048 H 0331 ◌	F755	i:	LATIN SMALL LETTER J WITH MODIFIER LETTER TRIANGULAR COLON ≡ 006A j 02D0 :
F747	ı̇	SPACING LEFT HOOK BELOW • unmapped, source and use unknown • this is not decomposable	F756	ķ	LATIN SMALL LETTER K WITH INVERTED BREVE ≡ 006B k 0311 ◌
F748	H̄	LATIN CAPITAL LETTER H WITH OVERLINE ≡ 0048 H 0305 ◌	F757	ķ̂	LATIN SMALL LETTER K WITH CARON BELOW ≡ 006B k 032C ◌
F749	İ	LATIN CAPITAL LETTER I WITH DOT BELOW WITH ACUTE ACCENT ≡ 1ECA İ 0301 ◌	F758	ł	LATIN SMALL LETTER L WITH BRIDGE BELOW ≡ 006C l 032A ◌
			F759	Ł̂	UNKNOWN-5 • unmapped, source and use unknown • this appears decomposable to 004C L and an unidentified accent → 013B Ł̂ latin capital letter l with cedilla → 013D Ł̂ latin capital letter l with caron
			F75A	ł̂	UNKNOWN-6 • unmapped, source and use unknown • this appears decomposable to 006C l and an unidentified accent → 013C ł̂ latin small letter l with cedilla → 013E ł̂ latin small letter l with caron

F75B		LATIN SMALL LETTER L WITH VERTICAL LINE BELOW ≡ 006C l 0329 ǀ	F76D	ṽ	LATIN SMALL LETTER V WITH OVERLINE ≡ 0076 v 0305 ṽ
F75C	ǀ	LATIN SMALL LETTER L WITH RING BELOW ≡ 006C l 0325 ǀ	F76E	ó	LATIN SMALL LETTER O WITH DOT BELOW WITH ACUTE ACCENT ≡ 1ECD o 0301 ó
F75D	ǃ	LATIN SMALL LETTER M WITH VERTICAL LINE BELOW ≡ 006D m 0329 ǃ	F76F	ö	LATIN CAPITAL LETTER O WITH MACRON AND BREVE ≡ 004F O 0304 ö 0306 ö
F75E	Ǆ	LATIN SMALL LETTER M WITH RING BELOW ≡ 006D m 0325 Ǆ	F770	õ	LATIN CAPITAL LETTER O WITH MACRON WITH CARON ≡ 014C Ō 030C õ
F75F	ṁ	LATIN SMALL LETTER M WITH MACRON ≡ 006D m 0304 ṁ	F771	œ	LATIN SMALL LIGATURE OE WITH MACRON ≡ 0153 œ 0304 œ
F760	Ṁ	LATIN CAPITAL LETTER M WITH MACRON ≡ 004D M 0304 Ṁ	F772	œ̃	LATIN SMALL LIGATURE OE WITH TILDE ≡ 0153 œ 0303 œ̃
F761	Ṃ	LATIN CAPITAL LETTER M WITH OVERLINE ≡ 004D M 0305 Ṃ	F773	ǒ	LATIN SMALL LETTER O WITH INVERTED BREVE BELOW ≡ 006F o 032F ǒ
F762	Ɔ	LATIN CAPITAL LETTER OPEN E WITH LONG SOLIDUS OVERLAY ≡ 0190 E 0338 Ɔ	F774	ǃ	LATIN SMALL LETTER O WITH VERTICAL LINE BELOW ≡ 006F o 0329 ǃ
F763	ǃ	LATIN SMALL LETTER N WITH PALATALIZED HOOK BELOW ≡ 006E n 0321 ǃ • verify mapping • this shows a gap between the “n” and the “ǃ” but otherwise “ǃ” looks like “n” → 0272 ǃ latin small letter n with left hook	F775	Ǆ	LATIN SMALL LETTER O WITH RING BELOW ≡ 006F o 0325 Ǆ
F764	Ǆ	LATIN SMALL LETTER N WITH VERTICAL LINE BELOW ≡ 006E n 0329 Ǆ	F776	ö̃	LIGATED O O WITH WIDE BREVE • unmapped, usage unknown
F765	ǅ	LATIN SMALL LETTER N WITH TILDE BELOW ≡ 006E n 0330 ǅ	F777	ȫ	LIGATED O O WITH WIDE MACRON • unmapped, usage unknown
F766	ṅ	LATIN SMALL LETTER N WITH MACRON ≡ 006E n 0304 ṅ	F778	ɔ:	LATIN SMALL LETTER OPEN O WITH COLON ≡ 0254 ɔ 003A : • confirm use of 003A :
F767	Ṇ	DOUBLE-STRUCK CAPITAL N ≡ 2115 Ṇ double-struck capital n	F779	ò	LATIN SMALL LETTER OPEN O WITH GRAVE ACCENT ≡ 0254 ɔ 0300 ò
F768	Ṅ	LATIN CAPITAL LETTER N WITH OVERLINE ≡ 004E N 0305 Ṅ	F77A	ɔ̇	LATIN SMALL LETTER OPEN O WITH LATIN SMALL LETTER DOTLESS I ≡ 0254 ɔ 0131 ɔ̇
F769	ṅ̄	LATIN SMALL LETTER N WITH OVERLINE ≡ 006E n 0305 ṅ̄	F77B	ō	LATIN SMALL LETTER OPEN O WITH MACRON ≡ 0254 ɔ 0304 ō
F76A	ṽ	LATIN SMALL LETTER V WITH MACRON ≡ 0076 v 0304 ṽ	F77C	õ	LATIN SMALL LETTER OPEN O WITH TILDE ≡ 0254 ɔ 0303 õ
F76B	ñ	LATIN SMALL LETTER N WITH DIAERESIS ≡ 006E n 0308 ñ	F77D	Ṫ	LATIN CAPITAL LETTER O WITH OVERLINE ≡ 004F O 0305 Ṫ
F76C	Ñ	LATIN CAPITAL LETTER N WITH DIAERESIS ≡ 004E N 0308 Ñ	F77E	ǃ	LATIN SMALL LETTER O WITH PALATALIZED HOOK BELOW ≡ 006F o 0321 ǃ
			F77F	Ǆ	LATIN SMALL LETTER O WITH RING ABOVE ≡ 006F o 030A Ǆ

F780	ϕ	LATIN SMALL LETTER PHI ≡ 0278 ϕ latin small letter phi ~ 006F ϕ 20D3 ϕ • vertical bar looks shorter	F793	s	LATIN SMALL LETTER S WITH SHORT STROKE OVERLAY ≡ 0073 s 0335 s • the stroke is somewhat slanted
F781	ø	LATIN SMALL LETTER O WITH STROKE WITH MODIFIER LETTER TRIANGULAR COLON ≡ 00F8 ø 02D0 :	F794	š	LATIN SMALL LETTER S WITH BREVE ≡ 0073 s 0306 š
F782	σ	GREEK SMALL LETTER SIGMA ≡ 03C3 σ greek small letter sigma • it looks exactly like the 03C3 σ in in the Greek section of the Verdan Ref font, although it's listed among the 'o's here	F795	Š	LATIN CAPITAL LETTER S WITH BREVE ≡ 0053 S 0306 š
F783	o:	LATIN CAPITAL LETTER O WITH MODIFIER LETTER TRIANGULAR COLON ≡ 004F O 02D0 :	F796	ſ	LATIN SMALL LETTER S WITH BRIDGE BELOW ≡ 0073 s 032A ſ
F784	Ö	LATIN CAPITAL LETTER O WITH DOT BELOW WITH DIAERESIS ≡ 1ECC Ö 0308 ö	F797	é	LATIN SMALL LETTER SCHWA WITH ACUTE ACCENT ≡ 0259 ə 0301 é
F785	ö	LATIN SMALL LETTER O WITH DOT BELOW WITH DIAERESIS ≡ 1ECD ö 0308 ö	F798	æ	LATIN SMALL LETTER SCHWA WITH INVERTED BREVE BELOW ≡ 0259 ə 032F æ
F786	ḥ	LATIN SMALL LETTER P WITH MACRON AND ACUTE ACCENT ≡ 0070 p 0304 ḥ 0301 ḥ	F799	ə̆	LATIN SMALL LETTER SCHWA WITH LATIN SMALL LETTER UPSILON ≡ 0259 ə 028A ə̆
F787	P̄	LATIN CAPITAL LETTER P WITH OVERLINE ≡ 0050 P 0305 P̄	F79A	š	LATIN SMALL LETTER S WITH GRAVE ACCENT ≡ 0073 s 0300 š
F788	Q	DOUBLE-STRUCK CAPITAL Q ≡ 211A Q double-struck capital q	F79B	ſ	LATIN SMALL LETTER S WITH RETROFLEX HOOK BELOW ≡ 0073 s 0322 ſ
F789	q̆	LATIN SMALL LETTER Q WITH RETROFLEX HOOK BELOW ≡ 0071 q 0322 q̆	F79C	Ṣ	LATIN CAPITAL LETTER S WITH MACRON BELOW ≡ 0053 S 0331 Ṣ
F78A	Q̄	LATIN CAPITAL LETTER Q WITH OVERLINE ≡ 0051 Q 0305 Q̄	F79D	Ṡ	LATIN SMALL LETTER S WITH MACRON ≡ 0073 s 0304 Ṡ
F78B	q̃	LATIN SMALL LETTER Q WITH TILDE ≡ 0071 q 0303 q̃	F79E	Ṣ	LATIN CAPITAL LETTER S WITH MACRON ≡ 0053 S 0304 Ṣ
F78C	ř	LATIN SMALL LETTER R WITH DOT BELOW WITH ACUTE ACCENT ≡ 1E5B ř 0301 ř	F79F	Ṣ	LATIN CAPITAL LETTER S WITH OVERLINE ≡ 0053 S 0305 Ṣ
F78D	℞	DOUBLE-STRUCK CAPITAL R ≡ 211D ℞ double-struck capital r	F7A0	š	LATIN SMALL LETTER S WITH TILDE ≡ 0073 s 0303 š
F78E	ř	LATIN SMALL LETTER R WITH BREVE ≡ 0072 r 0306 ř	F7A1	th̆	LATIN SMALL LETTER TH DIGRAPH WIHT STROKE • unmapped, source and use unknown
F78F	ř	LATIN SMALL LETTER R WITH GRAVE ACCENT ≡ 0072 r 0300 ř	F7A2	˘	SMALL TILDE ≡ 02DC ˘ small tilde
F790	ŕ	LATIN SMALL LETTER R WITH RING BELOW ≡ 0072 r 0325 ŕ	F7A3	ț	LATIN SMALL LETTER T WITH PALATAL HOOK ≡ 01AB ț latin small letter t with palatal hook
F791	R̄	LATIN CAPITAL LETTER R WITH OVERLINE ≡ 0052 R 0305 R̄	F7A4	ț	LATIN SMALL LETTER T WITH COMMA BELOW ≡ 021B ț latin small letter t with comma below • verify the mapping to 021B ț
F792	ř	LATIN SMALL LETTER R WITH DIAERESIS ≡ 0072 r 0308 ř	F7A5	ț	LATIN SMALL LETTER T WITH DOT BELOW ≡ 1E6D ț latin small letter t with dot below

F7A6	Ṛ	LATIN CAPITAL LETTER T WITH DOT BELOW ≡ 1E6C Ṛ latin capital letter t with dot below	F7B8	u:	LATIN SMALL LETTER U WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0075 u 02D0 :
F7A7	Ṛ	LATIN CAPITAL LETTER T WITH COMMA BELOW ≡ 021A Ṛ latin capital letter t with comma below • verify the mapping to 021A Ṛ	F7B9	ü	LATIN SMALL LETTER U WITH DOT BELOW WITH DIAERESIS ≡ 1EE5 ü 0308 ö
F7A8	Ṛ	LATIN SMALL LETTER T WITH LINE BELOW ≡ 1E6F Ṛ latin small letter t with line below	F7BA	Ü	LATIN CAPITAL LETTER U WITH DOT BELOW WITH DIAERESIS ≡ 1EE4 Ü 0308 ö
F7A9	Ṛ	LATIN SMALL LETTER T WITH TILDE OVERLAY ≡ 0074 t 0334 ̃	F7BB	ú	LATIN SMALL LETTER V WITH ACUTE ACCENT ≡ 0076 v 0301 ó
F7AA	ç	UNKNOWN-8 • unmapped, source and use are unknown → 0255 ç latin small letter c with curl • this does not look decomposable	F7BC	Ṛ	LATIN SMALL LETTER V WITH BREVE ≡ 0076 v 0306 ̆
F7AB	Ṛ	LATIN SMALL LETTER TS DIGRAPH WITH BREVE BELOW ≡ 02A6 Ṛ 032E ̆	F7BD	Ṛ	LATIN SMALL LETTER V WITH INVERTED BREVE BELOW ≡ 0076 v 032F ̇
F7AC	ü	LATIN SMALL LETTER U WITH DOT BELOW WITH DIAERESIS ≡ 1EE5 ü 0308 ö	F7BE	Ṛ	LATIN CAPITAL LETTER V WITH OVERLINE ≡ 0056 V 0305 ̄
F7AD	ü	LATIN SMALL LETTER U WITH MACRON WITH BREVE ≡ 016B ü 0306 ̆	F7BF	Wz	EINGETRAGENES WARENZEICHEN • unmapped, used a.o. in Meyers
F7AE	u	LATIN SMALL LETTER U WITH RETROFLEX HOOK BELOW ≡ 0075 u 0322 ̣	F7C0	á	LATIN SMALL LETTER X WITH ACUTE ACCENT ≡ 0078 x 0301 ó
F7AF	U	LATIN CAPITAL LETTER U WITH RETROFLEX HOOK BELOW ≡ 0055 U 0322 ̣	F7C1	×	LATIN SMALL LETTER X WITH RING HOOK • unmapped, source and use unknown
F7B0	u:	LATIN SMALL LETTER U WITH COLON ≡ 0075 u 003A : • the use of “:” should be confirmed	F7C2	ā	LATIN SMALL LETTER X WITH MACRON ≡ 0078 x 0304 ̄
F7B1	u	LATIN SMALL LETTER U WITH INVERTED BREVE BELOW ≡ 0075 u 032F ̇	F7C3	Ā	LATIN CAPITAL LETTER X WITH OVERLINE ≡ 0058 X 0305 ̄
F7B2	u	LATIN SMALL LETTER U WITH CIRCUMFLEX ACCENT BELOW ≡ 0075 u 032D ̂	F7C4	ā	LATIN SMALL LETTER X WITH OVERLINE ≡ 0078 x 0305 ̄
F7B3	ü	LATIN SMALL LETTER U WITH MACRON WITH TILDE ≡ 016B ü 0303 ̃	F7C5	ÿ	LATIN SMALL LETTER Y WITH BREVE ≡ 0079 y 0306 ̆
F7B4	υə	LATIN SMALL LETTER SCHWA WITH LATIN SMALL LETTER UPSILON ≡ 0259 ə 028A υ	F7C6	ȳ	LATIN SMALL LETTER Y WITH MACRON ≡ 0079 y 0304 ̄
F7B5	Ū	LATIN CAPITAL LETTER U WITH OVERLINE ≡ 0055 U 0305 ̄	F7C7	ÿ	LATIN SMALL LETTER Y WITH PALATALIZED HOOK BELOW ≡ 0079 y 0321 ̣ • verify mapping
F7B6	ü	LATIN SMALL LETTER U WITH DIAERESIS ≡ 00FC ü latin small letter u with diaeresis	F7C8	ÿ:	LATIN SMALL LETTER Y WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0079 y 02D0 :
F7B7	ū	LATIN SMALL LETTER U BAR ≡ 0289 ū latin small letter u bar	F7C9	z	LATIN SMALL LETTER Z WITH TILDE OVERLAY ≡ 007A z 0334 ̃
			F7CA	ž	LATIN SMALL LETTER Z WITH BREVE ≡ 007A z 0306 ̆

F7CB	z̸	LATIN SMALL LETTER Z WITH BRIDGE BELOW ≡ 007A z 032A ◌	F7DC	ʃ̆	LATIN SMALL LETTER TESH DIGRAPH WITH BREVE BELOW ≡ 02A7 ʃ̆ 032E ◌ • this glyph is missing the hook on the “ʃ”, but this could be OK
F7CC	ẓ	LATIN SMALL LETTER Z WITH CEDILLA ≡ 007A z 0327 ◌	F7DD	z̄	F7D0 • in this list F7D0 z̄ and F7DD z̄ are duplicates
F7CD	Ẓ	LATIN CAPITAL LETTER Z WITH CEDILLA ≡ 005A Z 0327 ◌	F7DE	⊖	CIRCLED DASH ≡ 229D ⊖ circled dash
F7CE	ZZ	DOUBLE-STRUCK CAPITAL Z ≡ 2124 Z double-struck capital z	F7DF	˘	SPACING INVERSE BREVE BELOW • unmapped, source and use unknown
F7CF	ẓ̸	LATIN SMALL LETTER Z WITH PALATALIZED HOOK BELOW ≡ 007A z 0321 ◌ • note that 0290 ẓ̸ is not decomposable → 0290 ẓ̸ latin small letter z with retroflex hook	F7E0	ɑː	LATIN SMALL LETTER ALPHA WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0251 α 02D0 :
F7D0	z̄	LATIN SMALL LETTER Z WITH MACRON ≡ 007A z 0304 ◌	F7E1	ɔː	LATIN SMALL LETTER OPEN O WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0254 ɔ 02D0 :
F7D1	Z̄	LATIN CAPITAL LETTER Z WITH OVERLINE ≡ 005A Z 0305 ◌	F7E2	əː	LATIN SMALL LETTER SCHWA WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0259 ə 02D0 :
F7D2	z̆	LATIN SMALL LETTER Z WITH RING ABOVE ≡ 007A z 030A ◌	F7E3	ː	MODIFIER LETTER TRIANGULAR COLON ≡ 02D0 : modifier letter triangular colon
F7D3	aj̆	LATIN SMALL LETTER A DOTLESS I DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown	F7E4	yː	LATIN SMALL LETTER Y WITH MODIFIER LETTER TRIANGULAR COLON ≡ 0079 y 02D0 :
F7D4	⊠	<reserved>	F7E5	ʃ̆	F7DC • F7E5 ʃ̆ and F7DC ʃ̆ are duplicates in this list
F7D5	ḍʒ	LATIN SMALL LETTER DEZH DIGRAPH WITH BREVE BELOW ≡ 02A4 ḍʒ 032E ◌	F7E6	-	HYPHEN ≡ 2010 - hyphen • this might be a duplicate of 2010 - , 2011 ^{NB} , 002D - or 02D7 -
F7D6	ḍz̆	LATIN SMALL LETTER DZ DIGRAPH WITH BREVE BELOW ≡ 02A3 ḍz̆ 032E ◌ • from context it appears likely that 02A3 ḍz̆ is the more appropriate choice for mapping the base digraph than 01F3 dz̆ ~ 01E5 ğ 032E ◌	F7E7	oy̆	LATIN SMALL LETTER OY DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown
F7D7	œ̆	LATIN SMALL LIGATURE OE WITH BREVE BELOW ≡ 0153 œ̆ 032E ◌	F7E8	ḳʒ	LATIN SMALL LETTER KS DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown
F7D8	ř̆	LATIN SMALL LETTER R WITH BREVE ≡ 0072 r 0306 ◌	F7E9	uj̆	LATIN SMALL LETTER UI DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown
F7D9	oy̆	LATIN LETTER OPEN O SMALL Y DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown	F7EA	pf̆	LATIN SMALL LETTER PF DIGRAPH WITH BREVE BELOW • unmapped, source and use unknown
F7DA	p̄	LATIN SMALL LETTER P WITH MACRON ≡ 0070 p 0304 ◌	F7EB	ç̄	LATIN SMALL LETTER C WITH LONG SOLIDUS OVERLAY ≡ 0063 c 0338 ◌
F7DB	ș̄	LATIN SMALL LETTER S WITH COMMA BELOW ≡ 0219 ș̄ latin small letter s with comma below • verify the mapping to 0219 ș̄	F7EC	è	LATIN SMALL LETTER E WITH DOT BELOW WITH GRAVE ACCENT ≡ 1EB9 è 0300 ◌
			F7ED	ə̆	LATIN SMALL LETTER SCHWA WITH HOOK ≡ 025A ə̆ latin small letter schwa with hook