

Fira Sans Four

Carrois' Technical Documentation

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Table of Content

Encoded Characters	4
Basic Latin	4
Latin-1 Supplement	4
Latin Extended-A	5
Latin Extended-B	5
Spacing Modifier Letters	5
Combining Diacritical Marks	5
Greek and Coptic	6
Cyrillic	6
Cyrillic Supplement	7
Latin Extended Additional	7
Greek Extended	7
General Punctuation	7
Superscripts and Subscripts	8
Currency Symbols	8
Letterlike Symbols	8
Number Forms	8
Arrows	8
Mathematical Operators	8
Miscellaneous Technical	9
Geometric Shapes	9
Dingbats	9
Miscellaneous Symbols and Arrows	9
Private Use Area	9
Alphabetic Presentation Forms	9
Arabic Presentation Forms-B	10
Unencoded Glyphs	11
Small Capitals From Capitals, Small Capitals	11
Case-Sensitive Forms	12
Discretionary Ligatures	12
Denominators	12
Denominators, Fractions	12
Fractions, Numerators	12
Localized Forms	13
Numerators	13
Old Style Figures, Proportional Figures	13
Old Style Figures, Tabular Figures	13
Proportional Figures	13
Small Capitals	14
Tabular Figures	14
Slashed Zero	14
Other	14
OpenType Layout Features	15
Substitution Features	15
Positioning Features	16
Codepages	17
MacOS	17
MS Windows	17
ISO	17
Languages	18
Latin	18
Cyrillic	18
Greek	18

Encoded Characters

All encoded characters should be accessible with every unicode capable application.
For details about Unicode Blocks visit the [Unicode Website](https://unicode.org/faq/other.html).

Basic Latin

Block from 0000 to 007F

000D	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E
002F	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E
003F	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E
004F	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E
005F	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E
006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E

Latin-1 Supplement

Block from 0080 to 00FF

00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF

Latin Extended-A

Block from 0100 to 017F

0100	0101	0102	0103	0104	0105	0106	0107	0108	0109	010A	010B	010C	010D	010E	010F
À	Á	Â	Ã	Ä	Å	Æ	Ç	Ć	Č	Ď	Ě	Ɔ	Ɔ	Ɔ	Ɔ
0110	0111	0112	0113	0114	0115	0116	0117	0118	0119	011A	011B	011C	011D	011E	011F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0120	0121	0122	0123	0124	0125	0126	0127	0128	0129	012A	012B	012C	012D	012E	012F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0130	0131	0132	0133	0134	0135	0136	0137	0138	0139	013A	013B	013C	013D	013E	013F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0140	0141	0142	0143	0144	0145	0146	0147	0148	0149	014A	014B	014C	014D	014E	014F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0150	0151	0152	0153	0154	0155	0156	0157	0158	0159	015A	015B	015C	015D	015E	015F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0160	0161	0162	0163	0164	0165	0166	0167	0168	0169	016A	016B	016C	016D	016E	016F
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
0170	0171	0172	0173	0174	0175	0176	0177	0178	0179	017A	017B	017C	017D	017E	
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	

Latin Extended-B

Block from 0180 to 024F

0192	01FC	01FD	01FE	01FF	0218	0219	021A	021B	0237
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Spacing Modifier Letters

Block from 02B0 to 02FF

02BC	02C6	02C7	02D8	02D9	02DA	02DB	02DC	02DD
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Combining Diacritical Marks

Block from 0300 to 036F

0300	0301	0302	0303	0304	0306	0307	0308	030A	030B	030C	0313	0314	0326	0327
Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Greek and Coptic

Block from 0370 to 03FF

0384	0385	0386	0388	0389	038A	038C	038E	038F	0390	0391	0392	0393	0394	0395	0396
Ϡ	ϡ	Ϣ	ϣ	Ϥ	ϥ	Ϧ	ϧ	Ϩ	ϩ	Ϫ	ϫ	Ϭ	ϭ	Ϯ	ϯ
0397	0398	0399	039A	039B	039C	039D	039E	039F	03A0	03A1	03A3	03A4	03A5	03A6	03A7
ϰ	ϱ	ϲ	ϳ	ϴ	ϵ	϶	Ϸ	ϸ	Ϲ	Ϻ	ϻ	ϼ	Ͻ	Ͼ	Ͽ
03A8	03A9	03AA	03AB	03AC	03AD	03AE	03AF	03B0	03B1	03B2	03B3	03B4	03B5	03B6	03B7
Ϡ	ϡ	Ϣ	ϣ	Ϥ	ϥ	Ϧ	ϧ	Ϩ	ϩ	Ϫ	ϫ	Ϭ	ϭ	Ϯ	ϯ
03B8	03B9	03BA	03BB	03BC	03BD	03BE	03BF	03C0	03C1	03C2	03C3	03C4	03C5	03C6	03C7
ϰ	ϱ	ϲ	ϳ	ϴ	ϵ	϶	Ϸ	ϸ	Ϲ	Ϻ	ϻ	ϼ	Ͻ	Ͼ	Ͽ
03C8	03C9	03CA	03CB	03CC	03CD	03CE									
Ϡ	ϡ	Ϣ	ϣ	Ϥ	ϥ	Ϧ									

Cyrillic

Block from 0400 to 04FF

0400	0401	0402	0403	0404	0405	0406	0407	0408	0409	040A	040B	040C	040D	040E	040F
Ѧ	ѧ	Ѩ		ѩ	Ѫ		Ѭ		Ѯ	ѯ	Ѱ	ѱ	Ѳ	ѳ	
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
Ѵ	ѵ	Ѷ		Ѹ		Ѻ	ѻ	Ѽ	ѽ		ѿ		ѿ	ѿ	
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Ѽ	ѽ		Ѹ	ѹ		Ѻ				Ѽ	ѽ		ѿ	ѿ	
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
ѿ	ѿ		Ѹ	ѹ		Ѻ	ѻ		ѽ			ѿ		ѿ	
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
ѿ		ѿ		Ѹ	ѹ					Ѽ	ѽ		ѿ	ѿ	
0450	0451	0452	0453	0454	0455	0456	0457	0458	0459	045A	045B	045C	045D	045E	045F
ѿ	ѿ	ѿ	ѿ	ѿ	ѿ		ѿ	ѿ		ѿ	ѿ		ѿ		
0462	0463	0472	0473	0474	0475	0490	0491	0492	0493	0496	0497	0498	0499	049A	049B
ѿ		ѿ	ѿ	ѿ			ѿ	ѿ	ѿ			ѿ	ѿ	ѿ	
049C	049D	04A0	04A1	04A2	04A3	04AA	04AB	04AC	04AD	04AE	04AF	04B0	04B1	04B2	04B3
ѿ		ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	
04B6	04B7	04B8	04B9	04BA	04BB	04C0	04C1	04C2	04CB	04CC	04CF	04D0	04D1	04D2	04D3
ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ

04D4	04D5	04D6	04D7	04D8	04D9	04DA	04DB	04DC	04DD	04DE	04DF	04E2	04E3	04E4	04E5
Ⲅ	Ⲅ̇	Ⲅ̈	Ⲅ̉	Ⲅ̊	Ⲅ̋	Ⲅ̌	Ⲅ̍	Ⲅ̎	Ⲅ̏	Ⲅ̐	Ⲅ̑	Ⲅ̒	Ⲅ̓	Ⲅ̔	Ⲅ̕
04E6	04E7	04E8	04E9	04EA	04EB	04EC	04ED	04EE	04EF	04F0	04F1	04F2	04F3	04F4	04F5
Ⲅ̖	Ⲅ̗	Ⲅ̘	Ⲅ̙	Ⲅ̚	Ⲅ̛	Ⲅ̜	Ⲅ̝	Ⲅ̞	Ⲅ̟	Ⲅ̠	Ⲅ̡	Ⲅ̢	Ⲅ̣	Ⲅ̤	Ⲅ̥
04F6	04F7	04F8	04F9												
Ⲅ̦	Ⲅ̧	Ⲅ̨	Ⲅ̩												

Cyrillic Supplement

Block from 0500 to 052F

051C	051D	0524	0525	0526	0527
ⲅ̈́	ⲅ̈́̇	ⲅ̈́̈	ⲅ̈́̉	ⲅ̈́̊	ⲅ̈́̋

Latin Extended Additional

Block from 1E00 to 1EFF

1E80	1E81	1E82	1E83	1E84	1E85	1EF2	1EF3
Ⲇ̈́	Ⲇ̈́̇	Ⲇ̈́̈	Ⲇ̈́̉	Ⲇ̈́̊	Ⲇ̈́̋	Ⲇ̈́̌	Ⲇ̈́̍

Greek Extended

Block from 1F00 to 1FFF

1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1FB0	1FB1
ⲇ̈́	ⲇ̈́̇	ⲇ̈́̈	ⲇ̈́̉	ⲇ̈́̊	ⲇ̈́̋			ⲇ̈́̌	ⲇ̈́̍		ⲇ̈́̎			ⲇ̈́̏	ⲇ̈́̐
1FB6	1FB8	1FB9	1FBA	1FBB	1FC0	1FC6	1FC8	1FC9	1FCA	1FCB	1FD0	1FD1	1FD2	1FD3	1FD6
ⲇ̈́̑	ⲇ̈́̒	ⲇ̈́̓	ⲇ̈́̔	ⲇ̈́̕	ⲇ̖̈́	ⲇ̗̈́	ⲇ̘̈́	ⲇ̙̈́	ⲇ̈́̚	ⲇ̛̈́	ⲇ̜̈́	ⲇ̝̈́	ⲇ̞̈́	ⲇ̟̈́	ⲇ̠̈́
1FD7	1FD8	1FD9	1FDA	1FDB	1FE0	1FE1	1FE2	1FE3	1FE6	1FE7	1FE8	1FE9	1FEA	1FEB	1FF6
ⲇ̡̈́	ⲇ̢̈́	ⲇ̣̈́	ⲇ̤̈́	ⲇ̥̈́	ⲇ̦̈́	ⲇ̧̈́	ⲇ̨̈́	ⲇ̩̈́	ⲇ̪̈́	ⲇ̫̈́	ⲇ̬̈́	ⲇ̭̈́	ⲇ̮̈́	ⲇ̯̈́	ⲇ̰̈́
1FF8	1FF9	1FFA	1FFB												
ⲇ̱̈́	ⲇ̲̈́	ⲇ̳̈́	ⲇ̴̈́												

General Punctuation

Block from 2000 to 206F

2007	2008	200B	200C	200D	200E	200F	2012	2013	2014	2015	2018	2019	201A	201C	201D
			Ⲉ̈́	Ⲉ̈́̇	Ⲉ̈́̈	Ⲉ̈́̉									
201E	2020	2021	2022	2026	2030	2039	203A	2044							
Ⲉ̈́̊	Ⲉ̈́̋	Ⲉ̈́̌	Ⲉ̈́̍	Ⲉ̈́̎	Ⲉ̈́̏	Ⲉ̈́̐	Ⲉ̈́̑	Ⲉ̈́̒							

Superscripts and Subscripts

Block from 2070 to 209F

2070	2074	2075	2076	2077	2078	2079	207A	207B	207C	207D	207E	2080	2081	2082	2083
								
2084	2085	2086	2087	2088	2089	208A	208B	208C	208D	208E					
									

Currency Symbols

Block from 20A0 to 20CF

Letterlike Symbols

Block from 2100 to 214F

Number Forms

Block from 2150 to 218F

[illegible]

Arrows

Block from 2190 to 21FF

2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	21E6	21E7	21E8	21E9	21EA
										←	↑	→	↓	⬆

Mathematical Operators

Block from 2200 to 22FF

2202	2205	2206	220F	2211	2212	2215	2219	221A	221E	222B	2248	2260	2264	2265	22C5
2202	2205	2206	220F	2211	2212	2215	2219	221A	221E	222B	2248	2260	2264	2265	22C5

Miscellaneous Technical

Block from 2300 to 23FF

2326

2327

2328

232B

23CE



Geometric Shapes

Block from 25A0 to 25FF

25AF

25CA



Dingbats

Block from 2700 to 27BF

27A1



Miscellaneous Symbols and Arrows

Block from 2B00 to 2BFF

2B05

2B06

2B07



Private Use Area

Block from E000 to F8FF

E000

E001

E002

E003



Alphabetic Presentation Forms

Block from FB00 to FB4F

FB01

FB02



Arabic Presentation Forms-B

Block from FE70 to FEFF

FEFF

Case-Sensitive Forms

Discretionary Ligatures

Denominators

Denominators, Fractions

Fractions, Numerators

Small Capitals

Tabular Figures

Slashed Zero

Other

OpenType Layout Features

For details about OpenType Layout Features see the [OpenType Layout tag registry](#).

Substitution Features

2²2²

Access All Alternates

This feature makes all variations of a selected character accessible.

b>B

Small Capitals

This feature turns lowercase characters into small capitals. This corresponds to the common SC font layout. It is generally used for display lines set in Large and small caps, such as titles. Forms related to small capitals, such as oldstyle figures, may be included.

B>B

Small Capitals From Capitals

This feature turns capital characters into small capitals.

fi

Standard Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers the ligatures which the designer/manufacturer judges should be used in normal conditions.

st

Discretionary Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers those ligatures which may be used for special effect, at the user's preference.

619

Old Style Figures

This feature changes selected figures from the default lining style to oldstyle form.

123

Lining Figures

This feature changes selected figures from oldstyle to the default lining form.

123

Proportional Figures

Replaces figure glyphs set on uniform (tabular) widths with corresponding glyphs set on glyph-specific (proportional) widths.

123

Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.

0

Slashed Zero

Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.

7/

Numerators

Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.



Denominators

Replaces selected figures which follow a slash with denominator figures.



Fractions

Replaces figures separated by a slash with 'common' (diagonal) fractions.



Superscript

Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).



Subscript

The "subs" feature may replace a default glyph with a subscript glyph.



Ordinals

Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.



Case-Sensitive Forms

Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.



Localized Forms

This feature enables localized forms of glyphs to be substituted for default forms.

Positioning Features



Capital Spacing

Globally adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and esthetics.



Kerning

Adjusts amount of space between glyphs, generally to provide optically consistent spacing between glyphs.



Mark Positioning

Positions mark glyphs with respect to base glyphs.



Mark to Mark Positioning

Positions marks with respect to other marks. Required in various non-Latin scripts like Arabic.

Codepages

MacOS

MacOS Central Europe
MacOS Croatian
MacOS Cyrillic
MacOS Greek

MacOS Icelandic
MacOS Roman
MacOS Romanian
MacOS Turkish

MS Windows

MS Windows 1250 Central European
MS Windows 1251 Cyrillic
MS Windows 1252 Western (ANSI)

MS Windows 1253 Greek
MS Windows 1254 Turkish
MS Windows 1257 Baltic

ISO

ISO 8859- 1 Latin 1 (Western)
ISO 8859- 2 Latin 2 (Central Europe)
ISO 8859- 3 Latin 3 (Tu, Malt, Gal, Esp)
ISO 8859- 4 Latin 4 (Baltic)
ISO 8859- 5 Cyrillic

ISO 8859- 9 Latin 5 (Turkish)
ISO 8859-10 Latin 6 (Scandinavian)
ISO 8859-13 Latin 7 (Baltic 2)
ISO 8859-15 Latin 9
ISO 8859-16 Latin 10

Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

Latin

Afar	Galician	Maltese	Slovak
Afrikaans	Ganda	Manx	Slovenian
Albanian	German	Maori	Soga
Asu	Gusii	Meru	Somali
Basque	Hungarian	Moldavian	Sorbian, Lower
Bemba	Icelandic	Morisyen	Sorbian, Upper
Bena	Indonesian	North Ndebele	Sotho, Northern
Bosnian	Interlingua	Norwegian Bokmål	Sotho, Southern
Breton	Irish	Norwegian Nynorsk	South Ndebele
Catalan	Italian	Nyanja	Spanish
Chiga	Jju	Nyankole	Swahili
Cornish	Kabuverdianu	Occitan	Swati
Crimean Tatar	Kalaallisut	Oromo	Swedish
Croatian	Kalenjin	Polish	Swiss German
Czech	Kamba	Portuguese	Taita
Danish	Kikuyu	Romanian	Taroko
Dutch	Kinyarwanda	Romansh	Teso
Embu	Koro	Rombo	Tsonga
English	Kurdish	Rwa	Tswana
Esperanto	Latvian	Saho	Turkish
Estonian	Lithuanian	Samburu	Tyap
Faroese	Low German	Sami Northern	Vunjo
Filipino	Luo	Sango	Welsh
Finnish	Luyia	Sena	Wolof
French	Machame	Serbian	Xhosa
Frisian West	Makonde	Shambala	Zulu
Friulian	Malagasy	Shona	
Ga	Malay	Sidamo	

Cyrillic

Azerbaijani	Buriat	Mongolian	Tatar
Bashkir	Chechen	Russian	Uighur
Belarusian	Kazakh	Serbian	Ukrainian
Bulgarian	Macedonian	Tajik	Uzbek

Greek

Greek