Fira Sans Bold

Technical Documentation



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For questions and comments please contact:

Carrois Type Design GbR Simplonstr. 54 10245 Berlin Germany Tel.: +49 (30) 920 389 66

Tel.: +49 (30) 920 389 66 e-Mail: post@carrois.com Internet: <u>www.carrois.com</u>

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Encoded Characters

All encoded characters should be accessible with every unicode capable application. For details about Unicode Blocks visist the <u>Unicode Website</u>.

Basic Latin

Block from 0000 to 007F

| 000D | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 002A | 002B | 002C | 002D | 002E |
|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------------|
| | | • | ** | # | \$ | % | ጺ | Ţ | |) | * | + | | _ | |
| 002F | 0020 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 003A | 003B | 9 | 003D | 003E |
| 002F | 0030 | | | | | | | | | | | | 0030 | | 003E |
| - | U | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | • | • | < | | > |
| 003F | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 004A | 004B | 004C | 004D | 004E |
| ? | | Δ | R | C | D | F | F | G | Н | | | K | L | M | N |
| | | | | | | | | | | | | | | | |
| 004F | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 005A | 005B | 005C | 005D | 005E |
| 0 | P | Q | R | S | Τ | U | V | W | X | Y | Ζ | L | - 1 | | / \ |
| 005F | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 006A | 006B | 006C | 006D | 006E |
| | • | a | b | • | Ч | Δ | f | g | h | i | i | 1/ | 1 | m | n |
| | | a | IJ | | u | C | | 5 | | | J | | L | | |
| 006F | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 007A | 007B | 007C | 007D | 007E |
| 0 | n | a | r | S | t | u | V | W | X | V | 7 | ł | | } | ~ |
| • | | 4 | | - | - | | _ | | | I | | • | | J | |

Latin-1 Supplement

Block from 0080 to 00FF

| ; ¢ £ ¤ ¥ ¦ § " © <u>a</u> « ¬ - | ® - |
|--|-----------|
| 00B0 00B1 00B2 00B3 00B4 00B5 00B6 00B7 00B8 00B9 00BA 00BB 00BC 00BD | 00BE 00BF |
| $^{\circ}$ ± 2 3 $^{\prime}$ μ ¶ \cdot 1 0 \gg $\frac{1}{4}$ $\frac{1}{2}$ | 3/4; |
| 00C0 00C1 00C2 00C3 00C4 00C5 00C6 00C7 00C8 00C9 00CA 00CB 00CC 00CD | 00CE 00CF |
| À Á Â Ä Ä Ä Æ Ç È É Ê Ï Í | ĨĨ |
| 00D0 00D1 00D2 00D3 00D4 00D5 00D6 00D7 00D8 00D9 00DA 00DB 00DC 00DD | 00DE 00DF |
| ĐÑÒÓÔÕÖרÙÚÜŸ | Þß |
| 00E0 00E1 00E2 00E3 00E4 00E5 00E6 00E7 00E8 00E9 00EA 00EB 00EC 00ED | 00EE 00EF |
| àáâãäåæçèéêëìí | îï |
| 00F0 00F1 00F2 00F3 00F4 00F5 00F6 00F7 00F8 00F9 00FA 00FB 00FC 00FD | OOFE OOFF |
| ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý | þÿ |

Latin Extended-A

Block from 0100 to 017F

| 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 010A | 010B | 010C | 010D | 010E | 010F |
|------|------|------|------|------|------|-----------|-----------|-------------|------|------|-----------|------|------|------|------|
| Α | ā | Á | ă | Ą | ą | Ć | Ć | Ĉ | Ĉ | Ċ | Ċ | Č | č | D | ď |
| 0110 | 0111 | 0112 | 0113 | 0114 | 0115 | 0116 | 0117 | 0118 | 0119 | 011A | 011B | 011C | 011D | 011E | 011F |
| Ð | đ | Ē | ē | Ĕ | ĕ | Ė | ė | Ę | ę | Ě | ě | Ĝ | ĝ | Ğ | ğ |
| 0120 | 0121 | 0122 | 0123 | 0124 | 0125 | 0126 | 0127 | 0128 | 0129 | 012A | 012B | 012C | 012D | 012E | 012F |
| Ğ | ġ | G | ģ | Ĥ | h | Ħ | ħ | Ĩ | ĩ | Ī | ī | Ĭ | ĭ | | i |
| 0130 | 0131 | 0132 | 0133 | 0134 | 0135 | 0136 | 0137 | 0138 | 0139 | 013A | 013B | 013C | 013D | 013E | 013F |
| | | IJ | ij | J | ĵ | K | k | K | L | l | L | l | Ľ | ľ | Ŀ |
| 0140 | 0141 | 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 014A | ● 014B | 014C | 014D | 014E | 014F |
| ŀ | Ł | ł | N | ń | N | n | N | ň | 'n | N | ŋ | 0 | Ō | 0 | Ŏ |
| 0150 | 0151 | 0152 | 0153 | 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 015A | 015B | 015C | 015D | 015E | 015F |
| 0 | Ő | Œ | œ | R | ŕ | R | r | R | ř | Ś | Ś | Ŝ | ŝ | Ş | Ş |
| 0160 | 0161 | 0162 | 0163 | 0164 | 0165 | ● 0166 | ● 0167 | 0168 | 0169 | 016A | 016B | 016C | 016D | 016E | 016F |
| Š | Š | T | t | T | ť | Ŧ | ŧ | U | ũ | U | ū | U | ŭ | Ů | ŭ |
| 0170 | 0171 | 0172 | 0173 | 0174 | 0175 | 0176 | 0177 | 0178 • • | 0179 | 017A | 017B | 017C | 017D | 017E | |
| Ü | ű | U | u | W | ŵ | Ŷ | Ŷ | Ÿ | Ź | ź | Ż | ż | Ž | ž | |
| _ | _ | Č | _ | | | | | | | | | | | | |

Latin Extended-B

Block from 0180 to 024F

| 0180 | 0181 | 0182 | 0183 | 0184 | 0185 | 0186 | 0187 | 0188 | 0189 | 018A | 018B | 018C | 018D | 018E | 018F |
|------|----------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|
| ħ | B | Б | Б | Ъ | Ъ | 3 | C | Ç | Ð | D | Б | d | 9 | 3 | Э |
| 0190 | 0191 | 0192 | 0193 | 0194 | 0195 | 0196 | 0197 | 0198 | 0199 | 019A | 019B | 019C | 019D | 019E | 019F |
| 3 | F | f | G | V | h | l | ł | K | ƙ | ŧ | Ă | Ш | N | n | Ө |
| 01A0 | 01A1 | 01A2 | 01A3 | 01A4 | 01A5 | 01A6 | 01A7 | 01A8 | 01A9 | 01AA | 01AB | 01AC | 01AD | 01AE | 01AF |
| Q | Q | ŋ | O | P | þ | k | S | S | Σ | 9 | t | T | f | T | ľ |
| 01B0 | 01B1 | 01B2 | 01B3 | 01B4 | 01B5 | 01B6 | 01B7 | 01B8 | 01B9 | 01BA | 01BB | 01BC | 01BD | 01BE | 01BF |
| ľ | Ω | U | Y | V | Z | Z | 3 | 3 | 7 | 3 | 2 | 5 | 5 | 5 | D |
| 01C0 | 01C1 | 01C2 | 01C3 | 01C4 | 01C5 | 01C6 | 01C7 | 01C8 | 01C9 | 01CA | 01CB | 01CC | 01CD | 01CE | 01CF |
| | | ŧ | Į | DŽ | Dž | dž | LJ | Lj | li | NI | Ni | ni | Ă | ă | Ĭ |
| 01D0 | 01D1 | 01D2 | 01D3 | 01D4 | 01D5 | 01D6 | 01D7 | 01D8 | 01D9 | 01DA | 01DB | 01DC | 01DD | 01DE | 01DF |
| ĭ | Ŏ | ŏ | Ŭ | ŭ | Ü | ü | Ü | ű | Ü | ŭ | Ü | ű | ə | Ä | ä |



IPA Extensions

Block from 0250 to 02AF

| 0250 | 0251 | 0252 | 0253 | 0254 | 0255 | 0256 | 0257 | 0258 | 0259 | 025A | 025B | 025C | 025D | 025E | 025F |
|------|----------|----------|------|------------|------|------|----------|------|------------|------|------|-----------|------|-------------|------|
| B | α | a | b |) | G | d | ď | 9 | ð | ð | 3 | 3 | 3 | B | ł |
| 0260 | 0261 | 0262 | 0263 | 0264 | 0265 | 0266 | 0267 | 0268 | 0269 | 026A | 026B | 026C | 026D | 026E | 026F |
| g | g | G | X | X | 4 | h | Ŋ | ŧ | l | Ι | ł | þ | L | l 3 | W |
| 0270 | 0271 | 0272 | 0273 | 0274 | 0275 | 0276 | 0277 | 0278 | 0279 | 027A | 027B | 027C | 027D | 027E | 027F |
| щ | m | ŋ | η | N | θ | Œ | Θ | ф | Į | Ţ | 1 | r | ľ | ſ | 1 |
| 0280 | 0281 | 0282 | 0283 | 0284 | 0285 | 0286 | 0287 | 0288 | 0289 | 028A | 028B | 028C | 028D | 028E | 028F |
| R | R | Ş | J | Ţ | J | J | J | t | t | U | U | Λ | W | Λ | Y |
| 0290 | 0291 | 0292 | 0293 | 0294 | 0295 | 0296 | 0297 | 0298 | 0299 | 029A | 029B | 029C | 029D | 029E | 029F |
| Z | 4 | 3 | 3 | 7 | 1 | 3 | C | 0 | В | 8 | G | Н | J | > | L |
| 02A0 | 02A1 | 02A2 | 02A3 | 02A4 | 02A5 | 02A6 | 02A7 | 02A8 | 02A9 | 02AA | 02AB | 02AC W | 02AD | 02AE | 02AF |
| þ | f | 7 | (IZ | u 3 | UZ | U | y | ta | IIJ | S | ΙZ | W | _ | Ч | प् |

Spacing Modifier Letters

| Block from 0 | 12B0 to | 02FF |
|--------------|---------|------|
|--------------|---------|------|

| 02B0 | 02B1 | 02B2 | 02B4 | 02B7 | 02B8 | 02B9 | 02BA | 02BB | 02BC | 02BF | 02C0 | 02C6 | 02C7 | 02C8 | 02CA |
|------|------------------|------|------|---------------|------|------|------|------|------|------|------|------|------|------|------|
| h | ĥ | j | , | W | У | • | // | 4 | 7 | (| 7 | ^ | ~ | ı | |
| 02CB | 02CC | 02CE | 02CF | 02D0 | 02D1 | 02D4 | 02D6 | 02D7 | 02D8 | 02D9 | 02DA | 02DB | 02DC | 02DD | 02DE |
| • | | | | • | • | _ | + | _ | J | • | 0 | | ~ | 11 | ~ |
| 02E0 | ■ 02E1 | 02E2 | 02E3 | ▲ 02E4 | 02E5 | 02E6 | 02E7 | 02E8 | 02E9 | 02EE | | C | | | |
| γ | l | S | X | ٢ | ٦ | 4 | J | | ı | 77 | | | | | |
| • | | | | | | | | - | | | | | | | |

Combining Diacritical Marks

Block from 0300 to 036F

| 0300 | 0301 | 0302 | 0303 | 0304 | 0306 | 0307 | 0308 | 0309 | 030A | 030B | 030C | 030D | 030F | 0311 | 0312 |
|------------------|------------------|------------------|-----------------------|------|------|------------------|------------------|------|------|------|------|------|-----------|-------------|------|
| 0313 | 0316 | 0317 | 0318 | 0319 | 031A | 031B | 031C | 031D | 031E | 031F | 0320 | 0321 | 0323 | 0324 | 0325 |
| 0326 | 0327 | 0328 | 0329 | 032A | 032B | 032C | € 032D | 032F | 0330 | 0331 | 0332 | 0334 | • 0335 | ● ● 0336 | 0339 |
| ● 033A | 5 033B | € 033C | ■ 033D X | 0342 | 0345 | ✓ 035C | 0361 | ^ | ~ | - | - | ~ | - | _ | • |
| | | | ^ | | | | | | | | | | | | |

Greek and Coptic

Block from 0370 to 03FF

| 0370 | 0371 | 0372 | 0373 | 0374 | 0375 | 0376 | 0377 | 037A | 037B | 037C | 037D | 037E | 037F | 0384 | 0385 |
|------|-------------|------|------|------|----------|------|------|------|----------|------|------|------|------|------|------|
| | H | T | T | • | , | И | И | _ | 3 | E | 3 | • | J | • | •• |
| 0386 | 0387 | 0388 | 0389 | 038A | 038C | 038E | 038F | 0390 | 0391 | 0392 | 0393 | 0394 | 0395 | 0396 | 0397 |
| Ά | • | Έ | Ή | 1 | O | Ύ | Ώ | Ï | Α | В | Γ | Δ | E | Z | Н |
| 0398 | 0399 | 039A | 039B | 039C | 039D | 039E | 039F | 03A0 | 03A1 | 03A3 | 03A4 | 03A5 | 03A6 | 03A7 | 03A8 |
| Θ | | K | Λ | M | N | Ξ | 0 | П | P | Σ | T | Y | Φ | X | Ψ |
| 03A9 | 03AA • • | 03AB | 03AC | 03AD | 03AE | 03AF | 03B0 | 03B1 | 03B2 | 03B3 | 03B4 | 03B5 | 03B6 | 03B7 | 03B8 |
| Ω | | Y | ά | έ | ή | ĺ | Ü | α | β | Y | δ | 3 | ζ | η | θ |
| 03B9 | 03BA | 03BB | 03BC | 03BD | 03BE | 03BF | 03C0 | 03C1 | 03C2 | 03C3 | 03C4 | 03C5 | 03C6 | 03C7 | 03C8 |
| l | K | λ | μ | ٧ | ξ | 0 | π | ρ | ς | σ | T | U | φ | X | Ψ |

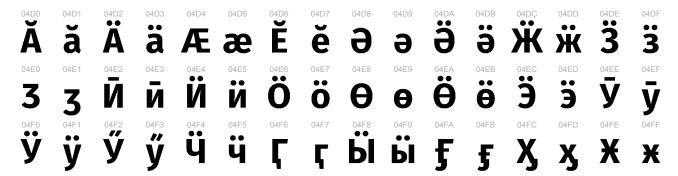
03CD 03C9 03CA 03CB 03CC 03CE 03CF 03D0 03D1 03D2 03D3 03D4 03D5 03D6 03D8 ώ K

O3DE O3DF Ú в Ü ω Ŏ 03E0 03E1 03DA 03F0 03F1 03F2 03F5 03F6 F Θ N **Q**03F7 $\boldsymbol{\epsilon}$ Э 03FA 3 þ M ϵ M ρ

Cyrillic

Block from 0400 to 04FF

| DIOCK III | טאט וווע | J LU U4FF | | | | | | | | | | | | | |
|-----------|----------|-----------|------|-------------------------|----------|-----------|--------------------------|----------|------------------|---------------|---------------|------|------|----------|------|
| 0400 | 0401 | 0402 | 0403 | 0404 | 0405 | 0406 | 0407 • • | 0408 | 0409 | 040A | 040B | 040C | 040D | 040E | 040F |
| Ε | E | ħ | Г | $\boldsymbol{\epsilon}$ | S | | | J | Љ | Њ | ħ | K | И | У | Ų |
| 0410 | 0411 | 0412 | 0413 | 0414 | 0415 | 0416 | 0417 | 0418 | 0419 | 041A | 041B | 041C | 041D | 041E | 041F |
| Α | Б | В | Г | Д | E | Ж | 3 | И | Й | K | Л | M | Н | 0 | П |
| 0420 | 0421 | 0422 | 0423 | 0424 | 0425 | 0426 | 0427 | 0428 | 0429 | 042A | 042B | 042C | 042D | 042E | 042F |
| P | C | Т | V | Ф | X | Ц | Ч | Ш | Ш | Ъ | Ы | Ь | 3 | Ю | Я |
| 0430 | 0431 | 0432 | 0433 | 0434 | 0435 | 0436 | 0437 | 0438 | 0439 | 043A | 043B | 043C | 043D | 043E | 043F |
| | 6 | | | _ | | | | | J | | | | | | _ |
| a | _ | В | | Д | е | Ж | 3 | И | И | K | Л | M | Н | 0 | П |
| 0440 | 0441 | 0442 | 0443 | 0444 | 0445 | 0446 | 0447 | 0448 | 0449 | 044A | 044B | 044C | 044D | 044E | 044F |
| p | C | T | У | ф | X | Ц | Ч | Ш | Щ | Ъ | Ы | Ь | Э | Ю | Я |
| 0450 | 0451 | 0452 | 0453 | 0454 | 0455 | 0456 • | 0457 • • | 0458 | 0459 | 045A | 045B | 045C | 045D | 045E | 045F |
| e | e | ħ | Γ | E | S | | | J | Љ | Њ | ħ | K | И | У | Ų |
| 0460 | 0461 | 0462 | 0463 | 0464 | 0465 | 0466 | 0467 | 0468 | 0469 | 046A | 046B | 046C | 046D | 046E | 046F |
| ω | ω | Ъ | Б | Ю | Ѥ | A | A | W | H | X | Ж | Ѭ | IX. | 3 | ž |
| 0470 | 0471 | 0472 | 0473 | 0474 | 0475 | 0476 | 0477 | 0478 | 0479 | 048A | 048B | 048C | 048D | 048E | 048F |
| Ψ | Ψ | θ | θ | V | V | V | Ÿ | Оу | OV | Й | Й, | Ъ | Ъ | P | p |
| 0490 | 0491 | 0492 | 0493 | 0494 | 0495 | 0496 | 0497 | 0498 | 0499 | 049A | 049B | 049C | 049D | 049E | 049F |
| 7 | 7 | F | F | Б | 5 | Ж | Ж | 3 | 3 | K | Қ | K | К | K | k |
| 04A0 | 04A1 | 04A2 | 04A3 | 04A4 | 04A5 | 04A6 | 04A7 | 04A8 | 3 04A9 | 04AA | 04AB | 04AC | 04AD | 04AE | 04AF |
| К | к | Н | н | Н | н | Πŋ | П | G | G | C | _ | Т | T | Y | V |
| 04B0 | 04B1 | 04B2 | 04B3 | 04B4 | 04B5 | 04B6 | П _{04В7} | Q | Q 04B9 | G 04BA | S 04BB | 04BC | 04BD | 04BE | 04BF |
| | | | | | | | | | | _ | _ | | | | |
| ¥ | ¥ | X | X | Ц | ц | Ч | 4 | Ч | Ч | h | h | æ | æ | Ą | Ą |
| 04C0 | 04C1 | 04C2 | 04C3 | 04C4 | 04C5 | 04C6 | 04C7 | 04C8 | 04C9 | 04CA | 04CB | 04CC | 04CD | 04CE | 04CF |
| | Ж | Ж | K | K | Д | Д, | H | H | Н, | Н, | y | y | M, | M, | l |



Cyrillic Supplement

Block from 0500 to 052F



Phonetic Extensions

Block from 1D00 to 1D7F



Phonetic Extensions Supplement

Block from 1D80 to 1DBF



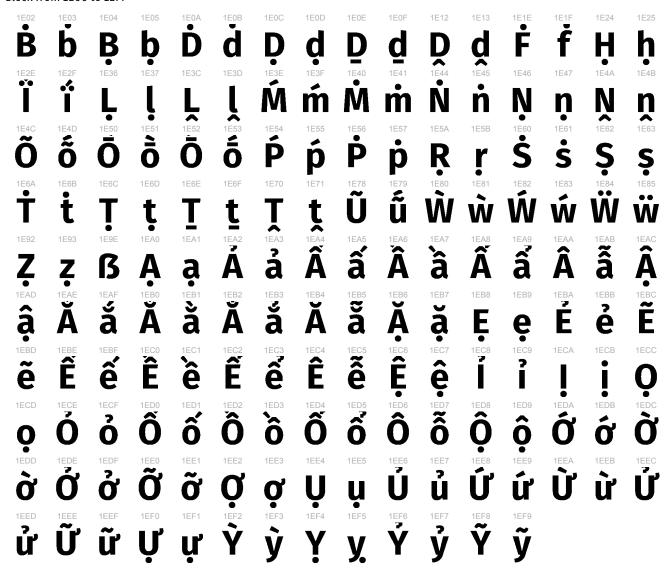
Combining Diacritical Marks Supplement

Block from 1DCO to 1DFF



Latin Extended Additional

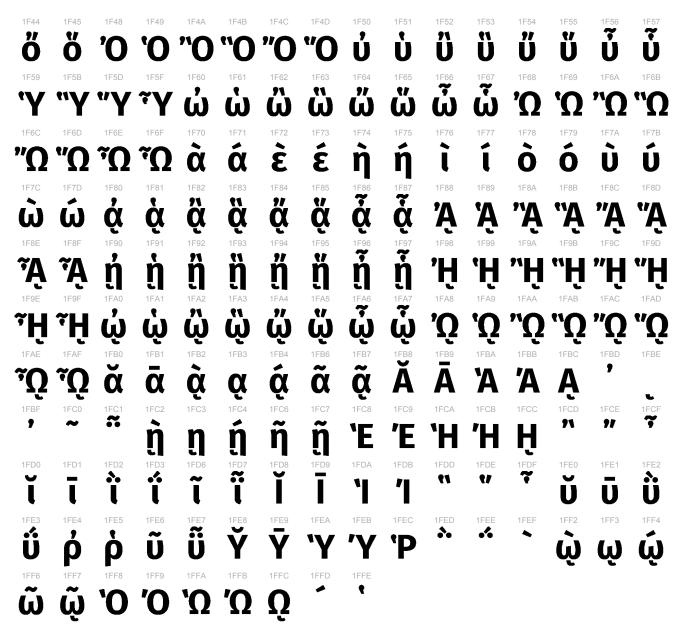
Block from 1E00 to 1EFF



Greek Extended

Block from 1F00 to 1FFF





General Punctuation

Block from 2000 to 206F

| 77 | 77 | † | # | • | ••• | ‰ | < | > | _ | / | 7 | | | | |
|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|
| 201D | 201E | 2020 | 2021 | 2022 | 2026 | 2030 | 2039 | 203A | 203F | 2044 | 204A | | | | |
| | | | | × | | | _ | _ | _ | _ | | 6 | 7 | , | 44 |
| 2007 | 2008 | 200B | 200C | 200D | 200E | 200F | 2012 | 2013 | 2014 | 2015 | 2016 | 2018 | 2019 | 201A | 201C |

Superscripts and Subscripts

Block from 2070 to 209F

| O 2083 | 4 2084 | 5 | 6 2086 | 7 | 2088 | 9 2089 | 4 208A | 208B | = 208C | 208D | 208E | n | 0 | 1 | 2 |
|---------------|---------------|----------|---------------|----------|------|---------------|---------------|------|---------------|------|------|---|---|---|---|
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | _ | = | (|) | | | | |

Currency Symbols

Block from 20A0 to 20CF

20AC 20AF 20B9 20BA 20BE € **D**p ₹ ₺ ₽

Letterlike Symbols

Block from 2100 to 214F



Number Forms

Block from 2150 to 218F

1/3 2/3 1/5 2/5 3/5 4/5 1/6 5/6 1/8 3/8 5/8 7/8 1/

Arrows

Block from 2190 to 21FF



Mathematical Operators

Block from 2200 to 22FF



Miscellaneous Technical

Block from 2300 to 23FF

2326 2327 2328 232B



Geometric Shapes

Block from 25A0 to 25FF

25AF 25CA

Dingbats

Block from 2700 to 27BF

21701



Miscellaneous Symbols and Arrows

Block from 2B00 to 2BFF



Latin Extended-C

Block from 2C60 to 2C7F

2C64 2C65 2C66 2C6D 2C71 2C72 2C73

Latin Extended-D

Block from A720 to A7FF



unassigned Block

Block from AB30 to ABBF

AB53



Private Use Area

Block from E000 to F8FF





Alphabetic Presentation Forms

Block from FB00 to FB4F





Arabic Presentation Forms-B

Block from FE70 to FEFF

Unencoded Glyphs

All unencoded glyphs are accessible with OpenType layout feature capable applications. For a complete list of supported OpenType layout features see the next section.

Small Capitals From Capitals

аъјунчіекочу́ ў

Small Capitals From Capitals, Contextual Alternates, Small Capitals

ΪŸ

Small Capitals From Capitals, Small Capitals



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Contextual Alternates, Case-Sensitive Forms

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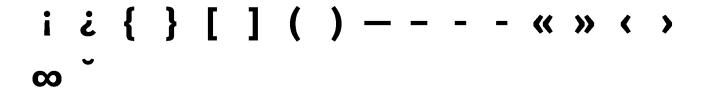
Contextual Alternates, Localized Forms

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Contextual Alternates, Stylistic Set 3



Case-Sensitive Forms



Discretionary Ligatures



Denominators

$$() = - +$$

Denominators, Fractions

0 1 2 3 4 5 6 7 8 9

Fractions, Numerators

0 1 2 3 4 5 6 7 8 9

Localized Forms

Numerators

$$() = - +$$

Old Style Figures, Proportional Figures

Old Style Figures, Tabular Figures

Stylistic Alternates, Stylistic Set 1

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Small Capitals

Stylistic Set 2

Tabular Figures

Slashed Zero

Other







OpenType Layout Features

For details about OpenType Layout Features see the OpenType Layout tag registry.

Substitution Features



Access All Alternates

This feature makes all variations of a selected character accessible.



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.



Small Capitals From Capitals

This feature turns capital characters into small capitals.



Contextual Alternates

In specified situations, replaces default glyphs with alternate forms which provide better joining behavior.



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.



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.



Old Style Figures

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



Lining Figures

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



Proportional Figures

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



Tabular Figures

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



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.

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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 glypht.

1st

Ordinals

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

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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.

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Localized Forms

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

g₂g

Stylistic Alternates

Many fonts contain alternate glyph designs for a purely esthetic effect; these don't always fit into a clear category like swash or historical. This feature replaces the default forms with the stylistic alternates.



Stylistic Set 1

Glyphs in stylistic sets may be designed to harmonise visually, interract in particular ways, or otherwise work together.



Stylistic Set 2



Stylistic Set 3



Mathematical Greek

Replaces standard typographic forms of Greek glyphs with corresponding forms commonly used in mathematical notation (which are a subset of the Greek alphabet).

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

Mac₀S

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 8859-7 Greek

ISO 8859-9 Latin 5 (Turkish)
ISO 8859-10 Latin 6 (Scandinavian)
ISO 8859-13 Latin 7 (Baltic 2)
ISO 8859-14 Latin 8 (Celtic)
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 <u>Unicode CLDR Project</u>.

Latin

Afar Ga **Afrikaans** Galician Ganda Akan Albanian German Asu Gusii Azerbaijani Hausa Bambara Hawaiian Basque Hungarian Bemba Icelandic Bena Igbo Bosnian Indonesian Breton Interlingua Catalan Irish Central Morocco Tamazight Italian Chiga Jju Colognian Kabuverdianu Cornish Kabyle Crimean Tatar Kalaallisut Croatian Kaleniin Czech Kamba Danish Kikuyu Dutch Kinyarwanda Embu Koro English Koyra Chiini Esperanto Koyraboro Senni Estonian Kpelle Ewe Kurdish Faroese Langi **Filipino** Latvian **Finnish** Lingala

Lithuanian

Luo

Luyia

Low German

Machame Makonde Malagasy Malay Maltese Manx Maori Masai Meru Moldavian Morisyen Nama North Ndebele Norwegian Bokmål Norwegian Nynorsk Nyanja Nyankole Occitan 0 **Oromo** Polish Portuguese Romanian Romansh Rombo Rwa Saho Samburu Sami Northern Sango Sena Serbian Shambala Shona

Soga Somali Sorbian, Lower Sorbian, Upper Sotho, Northern Sotho. Southern South Ndebele Spanish Swahili Swati Swedish Swiss German Tachelhit Taita Taroko Teso Tonga Tsonga Tswana Turkish Tvap Venda Vietnamese Vunjo Welsh Wolof Xhosa Yoruba 7ulu

Slovak

Slovenian

Cyrillic

Frisian West

French

Friulian

Fulah

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

Carrois Type Design 27

Sidamo

Greek

Greek