

Variation Selectors Supplement

Range: E0100–E01EF

The Unicode Standard, Version 15.1

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 15.1*

This file may be changed at any time without notice to reflect errata, or other updates to the Unicode Standard. See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-15.1/> for charts showing only the characters added in Unicode 15.1. See <https://www.unicode.org/Public/15.1.0/charts/> for a complete archived file of character code charts for Unicode 15.1. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.1 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 15.1, online at <https://www.unicode.org/versions/Unicode15.1.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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

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

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

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

Terms of Use

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

See <https://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

See <https://www.unicode.org/charts/About.html> for more information concerning the conventions and symbols used in these code charts.

Copyright © 1991–2023 Unicode, Inc. All rights reserved. See <https://www.unicode.org/copyright.html>

	E010	E011	E012	E013	E014	E015	E016	E017	E018	E019	E01A	E01B	E01C	E01D	E01E
0	VS 17 E0100	VS 33 E0110	VS 49 E0120	VS 65 E0130	VS 81 E0140	VS 97 E0150	VS 113 E0160	VS 129 E0170	VS 145 E0180	VS 161 E0190	VS 177 E01A0	VS 193 E01B0	VS 209 E01C0	VS 225 E01D0	VS 241 E01E0
1	VS 18 E0101	VS 34 E0111	VS 50 E0121	VS 66 E0131	VS 82 E0141	VS 98 E0151	VS 114 E0161	VS 130 E0171	VS 146 E0181	VS 162 E0191	VS 178 E01A1	VS 194 E01B1	VS 210 E01C1	VS 226 E01D1	VS 242 E01E1
2	VS 19 E0102	VS 35 E0112	VS 51 E0122	VS 67 E0132	VS 83 E0142	VS 99 E0152	VS 115 E0162	VS 131 E0172	VS 147 E0182	VS 163 E0192	VS 179 E01A2	VS 195 E01B2	VS 211 E01C2	VS 227 E01D2	VS 243 E01E2
3	VS 20 E0103	VS 36 E0113	VS 52 E0123	VS 68 E0133	VS 84 E0143	VS 100 E0153	VS 116 E0163	VS 132 E0173	VS 148 E0183	VS 164 E0193	VS 180 E01A3	VS 196 E01B3	VS 212 E01C3	VS 228 E01D3	VS 244 E01E3
4	VS 21 E0104	VS 37 E0114	VS 53 E0124	VS 69 E0134	VS 85 E0144	VS 101 E0154	VS 117 E0164	VS 133 E0174	VS 149 E0184	VS 165 E0194	VS 181 E01A4	VS 197 E01B4	VS 213 E01C4	VS 229 E01D4	VS 245 E01E4
5	VS 22 E0105	VS 38 E0115	VS 54 E0125	VS 70 E0135	VS 86 E0145	VS 102 E0155	VS 118 E0165	VS 134 E0175	VS 150 E0185	VS 166 E0195	VS 182 E01A5	VS 198 E01B5	VS 214 E01C5	VS 230 E01D5	VS 246 E01E5
6	VS 23 E0106	VS 39 E0116	VS 55 E0126	VS 71 E0136	VS 87 E0146	VS 103 E0156	VS 119 E0166	VS 135 E0176	VS 151 E0186	VS 167 E0196	VS 183 E01A6	VS 199 E01B6	VS 215 E01C6	VS 231 E01D6	VS 247 E01E6
7	VS 24 E0107	VS 40 E0117	VS 56 E0127	VS 72 E0137	VS 88 E0147	VS 104 E0157	VS 120 E0167	VS 136 E0177	VS 152 E0187	VS 168 E0197	VS 184 E01A7	VS 200 E01B7	VS 216 E01C7	VS 232 E01D7	VS 248 E01E7
8	VS 25 E0108	VS 41 E0118	VS 57 E0128	VS 73 E0138	VS 89 E0148	VS 105 E0158	VS 121 E0168	VS 137 E0178	VS 153 E0188	VS 169 E0198	VS 185 E01A8	VS 201 E01B8	VS 217 E01C8	VS 233 E01D8	VS 249 E01E8
9	VS 26 E0109	VS 42 E0119	VS 58 E0129	VS 74 E0139	VS 90 E0149	VS 106 E0159	VS 122 E0169	VS 138 E0179	VS 154 E0189	VS 170 E0199	VS 186 E01A9	VS 202 E01B9	VS 218 E01C9	VS 234 E01D9	VS 250 E01E9
A	VS 27 E010A	VS 43 E011A	VS 59 E012A	VS 75 E013A	VS 91 E014A	VS 107 E015A	VS 123 E016A	VS 139 E017A	VS 155 E018A	VS 171 E019A	VS 187 E01AA	VS 203 E01BA	VS 219 E01CA	VS 235 E01DA	VS 251 E01EA
B	VS 28 E010B	VS 44 E011B	VS 60 E012B	VS 76 E013B	VS 92 E014B	VS 108 E015B	VS 124 E016B	VS 140 E017B	VS 156 E018B	VS 172 E019B	VS 188 E01AB	VS 204 E01BB	VS 220 E01CB	VS 236 E01DB	VS 252 E01EB
C	VS 29 E010C	VS 45 E011C	VS 61 E012C	VS 77 E013C	VS 93 E014C	VS 109 E015C	VS 125 E016C	VS 141 E017C	VS 157 E018C	VS 173 E019C	VS 189 E01AC	VS 205 E01BC	VS 221 E01CC	VS 237 E01DC	VS 253 E01EC
D	VS 30 E010D	VS 46 E011D	VS 62 E012D	VS 78 E013D	VS 94 E014D	VS 110 E015D	VS 126 E016D	VS 142 E017D	VS 158 E018D	VS 174 E019D	VS 190 E01AD	VS 206 E01BD	VS 222 E01CD	VS 238 E01DD	VS 254 E01ED
E	VS 31 E010E	VS 47 E011E	VS 63 E012E	VS 79 E013E	VS 95 E014E	VS 111 E015E	VS 127 E016E	VS 143 E017E	VS 159 E018E	VS 175 E019E	VS 191 E01AE	VS 207 E01BE	VS 223 E01CE	VS 239 E01DE	VS 255 E01EE
F	VS 32 E010F	VS 48 E011F	VS 64 E012F	VS 80 E013F	VS 96 E014F	VS 112 E015F	VS 128 E016F	VS 144 E017F	VS 160 E018F	VS 176 E019F	VS 192 E01AF	VS 208 E01BF	VS 224 E01CF	VS 240 E01DF	VS 256 E01EF

These complete the set started at FE00 to FE0F.

Ideographic-specific variation selectors

For documentation about use of these with ideographs, see UTS #37, *Unicode Ideographic Variation Database*.

E0100	VS 17	VARIATION SELECTOR-17	E0138	VS 73	VARIATION SELECTOR-73
E0101	VS 18	VARIATION SELECTOR-18	E0139	VS 74	VARIATION SELECTOR-74
E0102	VS 19	VARIATION SELECTOR-19	E013A	VS 75	VARIATION SELECTOR-75
E0103	VS 20	VARIATION SELECTOR-20	E013B	VS 76	VARIATION SELECTOR-76
E0104	VS 21	VARIATION SELECTOR-21	E013C	VS 77	VARIATION SELECTOR-77
E0105	VS 22	VARIATION SELECTOR-22	E013D	VS 78	VARIATION SELECTOR-78
E0106	VS 23	VARIATION SELECTOR-23	E013E	VS 79	VARIATION SELECTOR-79
E0107	VS 24	VARIATION SELECTOR-24	E013F	VS 80	VARIATION SELECTOR-80
E0108	VS 25	VARIATION SELECTOR-25	E0140	VS 81	VARIATION SELECTOR-81
E0109	VS 26	VARIATION SELECTOR-26	E0141	VS 82	VARIATION SELECTOR-82
E010A	VS 27	VARIATION SELECTOR-27	E0142	VS 83	VARIATION SELECTOR-83
E010B	VS 28	VARIATION SELECTOR-28	E0143	VS 84	VARIATION SELECTOR-84
E010C	VS 29	VARIATION SELECTOR-29	E0144	VS 85	VARIATION SELECTOR-85
E010D	VS 30	VARIATION SELECTOR-30	E0145	VS 86	VARIATION SELECTOR-86
E010E	VS 31	VARIATION SELECTOR-31	E0146	VS 87	VARIATION SELECTOR-87
E010F	VS 32	VARIATION SELECTOR-32	E0147	VS 88	VARIATION SELECTOR-88
E0110	VS 33	VARIATION SELECTOR-33	E0148	VS 89	VARIATION SELECTOR-89
E0111	VS 34	VARIATION SELECTOR-34	E0149	VS 90	VARIATION SELECTOR-90
E0112	VS 35	VARIATION SELECTOR-35	E014A	VS 91	VARIATION SELECTOR-91
E0113	VS 36	VARIATION SELECTOR-36	E014B	VS 92	VARIATION SELECTOR-92
E0114	VS 37	VARIATION SELECTOR-37	E014C	VS 93	VARIATION SELECTOR-93
E0115	VS 38	VARIATION SELECTOR-38	E014D	VS 94	VARIATION SELECTOR-94
E0116	VS 39	VARIATION SELECTOR-39	E014E	VS 95	VARIATION SELECTOR-95
E0117	VS 40	VARIATION SELECTOR-40	E014F	VS 96	VARIATION SELECTOR-96
E0118	VS 41	VARIATION SELECTOR-41	E0150	VS 97	VARIATION SELECTOR-97
E0119	VS 42	VARIATION SELECTOR-42	E0151	VS 98	VARIATION SELECTOR-98
E011A	VS 43	VARIATION SELECTOR-43	E0152	VS 99	VARIATION SELECTOR-99
E011B	VS 44	VARIATION SELECTOR-44	E0153	VS 100	VARIATION SELECTOR-100
E011C	VS 45	VARIATION SELECTOR-45	E0154	VS 101	VARIATION SELECTOR-101
E011D	VS 46	VARIATION SELECTOR-46	E0155	VS 102	VARIATION SELECTOR-102
E011E	VS 47	VARIATION SELECTOR-47	E0156	VS 103	VARIATION SELECTOR-103
E011F	VS 48	VARIATION SELECTOR-48	E0157	VS 104	VARIATION SELECTOR-104
E0120	VS 49	VARIATION SELECTOR-49	E0158	VS 105	VARIATION SELECTOR-105
E0121	VS 50	VARIATION SELECTOR-50	E0159	VS 106	VARIATION SELECTOR-106
E0122	VS 51	VARIATION SELECTOR-51	E015A	VS 107	VARIATION SELECTOR-107
E0123	VS 52	VARIATION SELECTOR-52	E015B	VS 108	VARIATION SELECTOR-108
E0124	VS 53	VARIATION SELECTOR-53	E015C	VS 109	VARIATION SELECTOR-109
E0125	VS 54	VARIATION SELECTOR-54	E015D	VS 110	VARIATION SELECTOR-110
E0126	VS 55	VARIATION SELECTOR-55	E015E	VS 111	VARIATION SELECTOR-111
E0127	VS 56	VARIATION SELECTOR-56	E015F	VS 112	VARIATION SELECTOR-112
E0128	VS 57	VARIATION SELECTOR-57	E0160	VS 113	VARIATION SELECTOR-113
E0129	VS 58	VARIATION SELECTOR-58	E0161	VS 114	VARIATION SELECTOR-114
E012A	VS 59	VARIATION SELECTOR-59	E0162	VS 115	VARIATION SELECTOR-115
E012B	VS 60	VARIATION SELECTOR-60	E0163	VS 116	VARIATION SELECTOR-116
E012C	VS 61	VARIATION SELECTOR-61	E0164	VS 117	VARIATION SELECTOR-117
E012D	VS 62	VARIATION SELECTOR-62	E0165	VS 118	VARIATION SELECTOR-118
E012E	VS 63	VARIATION SELECTOR-63	E0166	VS 119	VARIATION SELECTOR-119
E012F	VS 64	VARIATION SELECTOR-64	E0167	VS 120	VARIATION SELECTOR-120
E0130	VS 65	VARIATION SELECTOR-65	E0168	VS 121	VARIATION SELECTOR-121
E0131	VS 66	VARIATION SELECTOR-66	E0169	VS 122	VARIATION SELECTOR-122
E0132	VS 67	VARIATION SELECTOR-67	E016A	VS 123	VARIATION SELECTOR-123
E0133	VS 68	VARIATION SELECTOR-68	E016B	VS 124	VARIATION SELECTOR-124
E0134	VS 69	VARIATION SELECTOR-69	E016C	VS 125	VARIATION SELECTOR-125
E0135	VS 70	VARIATION SELECTOR-70	E016D	VS 126	VARIATION SELECTOR-126
E0136	VS 71	VARIATION SELECTOR-71	E016E	VS 127	VARIATION SELECTOR-127
E0137	VS 72	VARIATION SELECTOR-72	E016F	VS 128	VARIATION SELECTOR-128
			E0170	VS 129	VARIATION SELECTOR-129
			E0171	VS 130	VARIATION SELECTOR-130
			E0172	VS 131	VARIATION SELECTOR-131
			E0173	VS 132	VARIATION SELECTOR-132
			E0174	VS 133	VARIATION SELECTOR-133
			E0175	VS 134	VARIATION SELECTOR-134

E0176	VS 136	VARIATION SELECTOR-135	E01B4	VS 197	VARIATION SELECTOR-197
E0177	VS 136	VARIATION SELECTOR-136	E01B5	VS 198	VARIATION SELECTOR-198
E0178	VS 137	VARIATION SELECTOR-137	E01B6	VS 199	VARIATION SELECTOR-199
E0179	VS 138	VARIATION SELECTOR-138	E01B7	VS 200	VARIATION SELECTOR-200
E017A	VS 139	VARIATION SELECTOR-139	E01B8	VS 201	VARIATION SELECTOR-201
E017B	VS 140	VARIATION SELECTOR-140	E01B9	VS 202	VARIATION SELECTOR-202
E017C	VS 141	VARIATION SELECTOR-141	E01BA	VS 203	VARIATION SELECTOR-203
E017D	VS 142	VARIATION SELECTOR-142	E01BB	VS 204	VARIATION SELECTOR-204
E017E	VS 143	VARIATION SELECTOR-143	E01BC	VS 205	VARIATION SELECTOR-205
E017F	VS 144	VARIATION SELECTOR-144	E01BD	VS 206	VARIATION SELECTOR-206
E0180	VS 145	VARIATION SELECTOR-145	E01BE	VS 207	VARIATION SELECTOR-207
E0181	VS 146	VARIATION SELECTOR-146	E01BF	VS 208	VARIATION SELECTOR-208
E0182	VS 147	VARIATION SELECTOR-147	E01C0	VS 209	VARIATION SELECTOR-209
E0183	VS 148	VARIATION SELECTOR-148	E01C1	VS 210	VARIATION SELECTOR-210
E0184	VS 149	VARIATION SELECTOR-149	E01C2	VS 211	VARIATION SELECTOR-211
E0185	VS 150	VARIATION SELECTOR-150	E01C3	VS 212	VARIATION SELECTOR-212
E0186	VS 151	VARIATION SELECTOR-151	E01C4	VS 213	VARIATION SELECTOR-213
E0187	VS 152	VARIATION SELECTOR-152	E01C5	VS 214	VARIATION SELECTOR-214
E0188	VS 153	VARIATION SELECTOR-153	E01C6	VS 215	VARIATION SELECTOR-215
E0189	VS 154	VARIATION SELECTOR-154	E01C7	VS 216	VARIATION SELECTOR-216
E018A	VS 155	VARIATION SELECTOR-155	E01C8	VS 217	VARIATION SELECTOR-217
E018B	VS 156	VARIATION SELECTOR-156	E01C9	VS 218	VARIATION SELECTOR-218
E018C	VS 157	VARIATION SELECTOR-157	E01CA	VS 219	VARIATION SELECTOR-219
E018D	VS 158	VARIATION SELECTOR-158	E01CB	VS 220	VARIATION SELECTOR-220
E018E	VS 159	VARIATION SELECTOR-159	E01CC	VS 221	VARIATION SELECTOR-221
E018F	VS 160	VARIATION SELECTOR-160	E01CD	VS 222	VARIATION SELECTOR-222
E0190	VS 161	VARIATION SELECTOR-161	E01CE	VS 223	VARIATION SELECTOR-223
E0191	VS 162	VARIATION SELECTOR-162	E01CF	VS 224	VARIATION SELECTOR-224
E0192	VS 163	VARIATION SELECTOR-163	E01D0	VS 225	VARIATION SELECTOR-225
E0193	VS 164	VARIATION SELECTOR-164	E01D1	VS 226	VARIATION SELECTOR-226
E0194	VS 165	VARIATION SELECTOR-165	E01D2	VS 227	VARIATION SELECTOR-227
E0195	VS 166	VARIATION SELECTOR-166	E01D3	VS 228	VARIATION SELECTOR-228
E0196	VS 167	VARIATION SELECTOR-167	E01D4	VS 229	VARIATION SELECTOR-229
E0197	VS 168	VARIATION SELECTOR-168	E01D5	VS 230	VARIATION SELECTOR-230
E0198	VS 169	VARIATION SELECTOR-169	E01D6	VS 231	VARIATION SELECTOR-231
E0199	VS 170	VARIATION SELECTOR-170	E01D7	VS 232	VARIATION SELECTOR-232
E019A	VS 171	VARIATION SELECTOR-171	E01D8	VS 233	VARIATION SELECTOR-233
E019B	VS 172	VARIATION SELECTOR-172	E01D9	VS 234	VARIATION SELECTOR-234
E019C	VS 173	VARIATION SELECTOR-173	E01DA	VS 235	VARIATION SELECTOR-235
E019D	VS 174	VARIATION SELECTOR-174	E01DB	VS 236	VARIATION SELECTOR-236
E019E	VS 175	VARIATION SELECTOR-175	E01DC	VS 237	VARIATION SELECTOR-237
E019F	VS 176	VARIATION SELECTOR-176	E01DD	VS 238	VARIATION SELECTOR-238
E01A0	VS 177	VARIATION SELECTOR-177	E01DE	VS 239	VARIATION SELECTOR-239
E01A1	VS 178	VARIATION SELECTOR-178	E01DF	VS 240	VARIATION SELECTOR-240
E01A2	VS 179	VARIATION SELECTOR-179	E01E0	VS 241	VARIATION SELECTOR-241
E01A3	VS 180	VARIATION SELECTOR-180	E01E1	VS 242	VARIATION SELECTOR-242
E01A4	VS 181	VARIATION SELECTOR-181	E01E2	VS 243	VARIATION SELECTOR-243
E01A5	VS 182	VARIATION SELECTOR-182	E01E3	VS 244	VARIATION SELECTOR-244
E01A6	VS 183	VARIATION SELECTOR-183	E01E4	VS 245	VARIATION SELECTOR-245
E01A7	VS 184	VARIATION SELECTOR-184	E01E5	VS 246	VARIATION SELECTOR-246
E01A8	VS 185	VARIATION SELECTOR-185	E01E6	VS 247	VARIATION SELECTOR-247
E01A9	VS 186	VARIATION SELECTOR-186	E01E7	VS 248	VARIATION SELECTOR-248
E01AA	VS 187	VARIATION SELECTOR-187	E01E8	VS 249	VARIATION SELECTOR-249
E01AB	VS 188	VARIATION SELECTOR-188	E01E9	VS 250	VARIATION SELECTOR-250
E01AC	VS 189	VARIATION SELECTOR-189	E01EA	VS 251	VARIATION SELECTOR-251
E01AD	VS 190	VARIATION SELECTOR-190	E01EB	VS 252	VARIATION SELECTOR-252
E01AE	VS 191	VARIATION SELECTOR-191	E01EC	VS 253	VARIATION SELECTOR-253
E01AF	VS 192	VARIATION SELECTOR-192	E01ED	VS 254	VARIATION SELECTOR-254
E01B0	VS 193	VARIATION SELECTOR-193	E01EE	VS 255	VARIATION SELECTOR-255
E01B1	VS 194	VARIATION SELECTOR-194	E01EF	VS 256	VARIATION SELECTOR-256
E01B2	VS 195	VARIATION SELECTOR-195			
E01B3	VS 196	VARIATION SELECTOR-196			