

Braille Patterns

Range: 2800–28FF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 17.0*

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-17.0/> for charts showing only the characters added in Unicode 17.0. See <https://www.unicode.org/Public/17.0.0/charts/> for a complete archived file of character code charts for Unicode 17.0. 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 17.0 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 17.0, online at <https://www.unicode.org/versions/Unicode17.0.0/>, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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

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

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

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

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	280	281	282	283	284	285	286	287	288	289	28A	28B	28C	28D	28E	28F
0																
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

When braille patterns are punched, the filled circles shown here correspond to punch impression.

Braille patterns

2800	0000 0000	BRAILLE PATTERN BLANK
2801	0000 0000	BRAILLE PATTERN DOTS-1
2802	0000 0000	BRAILLE PATTERN DOTS-2
2803	0000 0000	BRAILLE PATTERN DOTS-12
2804	0000 0000	BRAILLE PATTERN DOTS-3
2805	0000 0000	BRAILLE PATTERN DOTS-13
2806	0000 0000	BRAILLE PATTERN DOTS-23
2807	0000 0000	BRAILLE PATTERN DOTS-123
2808	0000 0000	BRAILLE PATTERN DOTS-4
2809	0000 0000	BRAILLE PATTERN DOTS-14
280A	0000 0000	BRAILLE PATTERN DOTS-24
280B	0000 0000	BRAILLE PATTERN DOTS-124
280C	0000 0000	BRAILLE PATTERN DOTS-34
280D	0000 0000	BRAILLE PATTERN DOTS-134
280E	0000 0000	BRAILLE PATTERN DOTS-234
280F	0000 0000	BRAILLE PATTERN DOTS-1234
2810	0000 0000	BRAILLE PATTERN DOTS-5
2811	0000 0000	BRAILLE PATTERN DOTS-15
2812	0000 0000	BRAILLE PATTERN DOTS-25
2813	0000 0000	BRAILLE PATTERN DOTS-125
2814	0000 0000	BRAILLE PATTERN DOTS-35
2815	0000 0000	BRAILLE PATTERN DOTS-135
2816	0000 0000	BRAILLE PATTERN DOTS-235
2817	0000 0000	BRAILLE PATTERN DOTS-1235
2818	0000 0000	BRAILLE PATTERN DOTS-45
2819	0000 0000	BRAILLE PATTERN DOTS-145
281A	0000 0000	BRAILLE PATTERN DOTS-245
281B	0000 0000	BRAILLE PATTERN DOTS-1245
281C	0000 0000	BRAILLE PATTERN DOTS-345
281D	0000 0000	BRAILLE PATTERN DOTS-1345
281E	0000 0000	BRAILLE PATTERN DOTS-2345
281F	0000 0000	BRAILLE PATTERN DOTS-12345
2820	0000 0000	BRAILLE PATTERN DOTS-6
2821	0000 0000	BRAILLE PATTERN DOTS-16
2822	0000 0000	BRAILLE PATTERN DOTS-26
2823	0000 0000	BRAILLE PATTERN DOTS-126
2824	0000 0000	BRAILLE PATTERN DOTS-36
2825	0000 0000	BRAILLE PATTERN DOTS-136
2826	0000 0000	BRAILLE PATTERN DOTS-236
2827	0000 0000	BRAILLE PATTERN DOTS-1236
2828	0000 0000	BRAILLE PATTERN DOTS-46
2829	0000 0000	BRAILLE PATTERN DOTS-146
282A	0000 0000	BRAILLE PATTERN DOTS-246
282B	0000 0000	BRAILLE PATTERN DOTS-1246
282C	0000 0000	BRAILLE PATTERN DOTS-346
282D	0000 0000	BRAILLE PATTERN DOTS-1346
282E	0000 0000	BRAILLE PATTERN DOTS-2346
282F	0000 0000	BRAILLE PATTERN DOTS-12346
2830	0000 0000	BRAILLE PATTERN DOTS-56
2831	0000 0000	BRAILLE PATTERN DOTS-156
2832	0000 0000	BRAILLE PATTERN DOTS-256
2833	0000 0000	BRAILLE PATTERN DOTS-1256
2834	0000 0000	BRAILLE PATTERN DOTS-356
2835	0000 0000	BRAILLE PATTERN DOTS-1356
2836	0000 0000	BRAILLE PATTERN DOTS-2356
2837	0000 0000	BRAILLE PATTERN DOTS-12356

- while this character is imaged as a fixed-width blank in many fonts, it does not act as a space

2838	0000 0000	BRAILLE PATTERN DOTS-456
2839	0000 0000	BRAILLE PATTERN DOTS-1456
283A	0000 0000	BRAILLE PATTERN DOTS-2456
283B	0000 0000	BRAILLE PATTERN DOTS-12456
283C	0000 0000	BRAILLE PATTERN DOTS-3456
283D	0000 0000	BRAILLE PATTERN DOTS-13456
283E	0000 0000	BRAILLE PATTERN DOTS-23456
283F	0000 0000	BRAILLE PATTERN DOTS-123456
2840	0000 0000	BRAILLE PATTERN DOTS-7
2841	0000 0000	BRAILLE PATTERN DOTS-17
2842	0000 0000	BRAILLE PATTERN DOTS-27
2843	0000 0000	BRAILLE PATTERN DOTS-127
2844	0000 0000	BRAILLE PATTERN DOTS-37
2845	0000 0000	BRAILLE PATTERN DOTS-137
2846	0000 0000	BRAILLE PATTERN DOTS-237
2847	0000 0000	BRAILLE PATTERN DOTS-1237
2848	0000 0000	BRAILLE PATTERN DOTS-47
2849	0000 0000	BRAILLE PATTERN DOTS-147
284A	0000 0000	BRAILLE PATTERN DOTS-247
284B	0000 0000	BRAILLE PATTERN DOTS-1247
284C	0000 0000	BRAILLE PATTERN DOTS-347
284D	0000 0000	BRAILLE PATTERN DOTS-1347
284E	0000 0000	BRAILLE PATTERN DOTS-2347
284F	0000 0000	BRAILLE PATTERN DOTS-12347
2850	0000 0000	BRAILLE PATTERN DOTS-57
2851	0000 0000	BRAILLE PATTERN DOTS-157
2852	0000 0000	BRAILLE PATTERN DOTS-257
2853	0000 0000	BRAILLE PATTERN DOTS-1257
2854	0000 0000	BRAILLE PATTERN DOTS-357
2855	0000 0000	BRAILLE PATTERN DOTS-1357
2856	0000 0000	BRAILLE PATTERN DOTS-2357
2857	0000 0000	BRAILLE PATTERN DOTS-12357
2858	0000 0000	BRAILLE PATTERN DOTS-457
2859	0000 0000	BRAILLE PATTERN DOTS-1457
285A	0000 0000	BRAILLE PATTERN DOTS-2457
285B	0000 0000	BRAILLE PATTERN DOTS-12457
285C	0000 0000	BRAILLE PATTERN DOTS-3457
285D	0000 0000	BRAILLE PATTERN DOTS-13457
285E	0000 0000	BRAILLE PATTERN DOTS-23457
285F	0000 0000	BRAILLE PATTERN DOTS-123457
2860	0000 0000	BRAILLE PATTERN DOTS-67
2861	0000 0000	BRAILLE PATTERN DOTS-167
2862	0000 0000	BRAILLE PATTERN DOTS-267
2863	0000 0000	BRAILLE PATTERN DOTS-1267
2864	0000 0000	BRAILLE PATTERN DOTS-367
2865	0000 0000	BRAILLE PATTERN DOTS-1367
2866	0000 0000	BRAILLE PATTERN DOTS-2367
2867	0000 0000	BRAILLE PATTERN DOTS-12367
2868	0000 0000	BRAILLE PATTERN DOTS-467
2869	0000 0000	BRAILLE PATTERN DOTS-1467
286A	0000 0000	BRAILLE PATTERN DOTS-2467
286B	0000 0000	BRAILLE PATTERN DOTS-12467
286C	0000 0000	BRAILLE PATTERN DOTS-3467
286D	0000 0000	BRAILLE PATTERN DOTS-13467
286E	0000 0000	BRAILLE PATTERN DOTS-23467
286F	0000 0000	BRAILLE PATTERN DOTS-123467
2870	0000 0000	BRAILLE PATTERN DOTS-567
2871	0000 0000	BRAILLE PATTERN DOTS-1567
2872	0000 0000	BRAILLE PATTERN DOTS-2567
2873	0000 0000	BRAILLE PATTERN DOTS-12567
2874	0000 0000	BRAILLE PATTERN DOTS-3567
2875	0000 0000	BRAILLE PATTERN DOTS-13567

2876 BRAILLE PATTERN DOTS-23567
 2877 BRAILLE PATTERN DOTS-123567
 2878 BRAILLE PATTERN DOTS-4567
 2879 BRAILLE PATTERN DOTS-14567
 287A BRAILLE PATTERN DOTS-24567
 287B BRAILLE PATTERN DOTS-124567
 287C BRAILLE PATTERN DOTS-34567
 287D BRAILLE PATTERN DOTS-134567
 287E BRAILLE PATTERN DOTS-234567
 287F BRAILLE PATTERN DOTS-1234567
 2880 BRAILLE PATTERN DOTS-8
 2881 BRAILLE PATTERN DOTS-18
 2882 BRAILLE PATTERN DOTS-28
 2883 BRAILLE PATTERN DOTS-128
 2884 BRAILLE PATTERN DOTS-38
 2885 BRAILLE PATTERN DOTS-138
 2886 BRAILLE PATTERN DOTS-238
 2887 BRAILLE PATTERN DOTS-1238
 2888 BRAILLE PATTERN DOTS-48
 2889 BRAILLE PATTERN DOTS-148
 288A BRAILLE PATTERN DOTS-248
 288B BRAILLE PATTERN DOTS-1248
 288C BRAILLE PATTERN DOTS-348
 288D BRAILLE PATTERN DOTS-1348
 288E BRAILLE PATTERN DOTS-2348
 288F BRAILLE PATTERN DOTS-12348
 2890 BRAILLE PATTERN DOTS-58
 2891 BRAILLE PATTERN DOTS-158
 2892 BRAILLE PATTERN DOTS-258
 2893 BRAILLE PATTERN DOTS-1258
 2894 BRAILLE PATTERN DOTS-358
 2895 BRAILLE PATTERN DOTS-1358
 2896 BRAILLE PATTERN DOTS-2358
 2897 BRAILLE PATTERN DOTS-12358
 2898 BRAILLE PATTERN DOTS-458
 2899 BRAILLE PATTERN DOTS-1458
 289A BRAILLE PATTERN DOTS-2458
 289B BRAILLE PATTERN DOTS-12458
 289C BRAILLE PATTERN DOTS-3458
 289D BRAILLE PATTERN DOTS-13458
 289E BRAILLE PATTERN DOTS-23458
 289F BRAILLE PATTERN DOTS-123458
 28A0 BRAILLE PATTERN DOTS-68
 28A1 BRAILLE PATTERN DOTS-168
 28A2 BRAILLE PATTERN DOTS-268
 28A3 BRAILLE PATTERN DOTS-1268
 28A4 BRAILLE PATTERN DOTS-368
 28A5 BRAILLE PATTERN DOTS-1368
 28A6 BRAILLE PATTERN DOTS-2368
 28A7 BRAILLE PATTERN DOTS-12368
 28A8 BRAILLE PATTERN DOTS-468
 28A9 BRAILLE PATTERN DOTS-1468
 28AA BRAILLE PATTERN DOTS-2468
 28AB BRAILLE PATTERN DOTS-12468
 28AC BRAILLE PATTERN DOTS-3468
 28AD BRAILLE PATTERN DOTS-13468
 28AE BRAILLE PATTERN DOTS-23468
 28AF BRAILLE PATTERN DOTS-123468
 28B0 BRAILLE PATTERN DOTS-568
 28B1 BRAILLE PATTERN DOTS-1568
 28B2 BRAILLE PATTERN DOTS-2568
 28B3 BRAILLE PATTERN DOTS-12568

28B4 BRAILLE PATTERN DOTS-3568
 28B5 BRAILLE PATTERN DOTS-13568
 28B6 BRAILLE PATTERN DOTS-23568
 28B7 BRAILLE PATTERN DOTS-123568
 28B8 BRAILLE PATTERN DOTS-4568
 28B9 BRAILLE PATTERN DOTS-14568
 28BA BRAILLE PATTERN DOTS-24568
 28BB BRAILLE PATTERN DOTS-124568
 28BC BRAILLE PATTERN DOTS-34568
 28BD BRAILLE PATTERN DOTS-134568
 28BE BRAILLE PATTERN DOTS-234568
 28BF BRAILLE PATTERN DOTS-1234568
 28C0 BRAILLE PATTERN DOTS-78
 28C1 BRAILLE PATTERN DOTS-178
 28C2 BRAILLE PATTERN DOTS-278
 28C3 BRAILLE PATTERN DOTS-1278
 28C4 BRAILLE PATTERN DOTS-378
 28C5 BRAILLE PATTERN DOTS-1378
 28C6 BRAILLE PATTERN DOTS-2378
 28C7 BRAILLE PATTERN DOTS-12378
 28C8 BRAILLE PATTERN DOTS-478
 28C9 BRAILLE PATTERN DOTS-1478
 28CA BRAILLE PATTERN DOTS-2478
 28CB BRAILLE PATTERN DOTS-12478
 28CC BRAILLE PATTERN DOTS-3478
 28CD BRAILLE PATTERN DOTS-13478
 28CE BRAILLE PATTERN DOTS-23478
 28CF BRAILLE PATTERN DOTS-123478
 28D0 BRAILLE PATTERN DOTS-578
 28D1 BRAILLE PATTERN DOTS-1578
 28D2 BRAILLE PATTERN DOTS-2578
 28D3 BRAILLE PATTERN DOTS-12578
 28D4 BRAILLE PATTERN DOTS-3578
 28D5 BRAILLE PATTERN DOTS-13578
 28D6 BRAILLE PATTERN DOTS-23578
 28D7 BRAILLE PATTERN DOTS-123578
 28D8 BRAILLE PATTERN DOTS-4578
 28D9 BRAILLE PATTERN DOTS-14578
 28DA BRAILLE PATTERN DOTS-24578
 28DB BRAILLE PATTERN DOTS-124578
 28DC BRAILLE PATTERN DOTS-34578
 28DD BRAILLE PATTERN DOTS-134578
 28DE BRAILLE PATTERN DOTS-234578
 28DF BRAILLE PATTERN DOTS-1234578
 28E0 BRAILLE PATTERN DOTS-678
 28E1 BRAILLE PATTERN DOTS-1678
 28E2 BRAILLE PATTERN DOTS-2678
 28E3 BRAILLE PATTERN DOTS-12678
 28E4 BRAILLE PATTERN DOTS-3678
 28E5 BRAILLE PATTERN DOTS-13678
 28E6 BRAILLE PATTERN DOTS-23678
 28E7 BRAILLE PATTERN DOTS-123678
 28E8 BRAILLE PATTERN DOTS-4678
 28E9 BRAILLE PATTERN DOTS-14678
 28EA BRAILLE PATTERN DOTS-24678
 28EB BRAILLE PATTERN DOTS-124678
 28EC BRAILLE PATTERN DOTS-34678
 28ED BRAILLE PATTERN DOTS-134678
 28EE BRAILLE PATTERN DOTS-234678
 28EF BRAILLE PATTERN DOTS-1234678
 28F0 BRAILLE PATTERN DOTS-5678
 28F1 BRAILLE PATTERN DOTS-15678

28F2	⠠⠠⠠	BRAILLE PATTERN DOTS-25678
28F3	⠠⠠⠠	BRAILLE PATTERN DOTS-125678
28F4	⠠⠠⠠	BRAILLE PATTERN DOTS-35678
28F5	⠠⠠⠠	BRAILLE PATTERN DOTS-135678
28F6	⠠⠠⠠	BRAILLE PATTERN DOTS-235678
28F7	⠠⠠⠠	BRAILLE PATTERN DOTS-1235678
28F8	⠠⠠⠠	BRAILLE PATTERN DOTS-45678
28F9	⠠⠠⠠	BRAILLE PATTERN DOTS-145678
28FA	⠠⠠⠠	BRAILLE PATTERN DOTS-245678
28FB	⠠⠠⠠	BRAILLE PATTERN DOTS-1245678
28FC	⠠⠠⠠	BRAILLE PATTERN DOTS-345678
28FD	⠠⠠⠠	BRAILLE PATTERN DOTS-1345678
28FE	⠠⠠⠠	BRAILLE PATTERN DOTS-2345678
28FF	⠠⠠⠠	BRAILLE PATTERN DOTS-12345678