

## **Braille Patterns**

**Range: 2800–28FF**

### **DRAFT The Unicode Standard, Version 16.0 BETA REVIEW**

This file contains an excerpt from the character code tables and list of character names for *DRAFT The Unicode Standard, Version 16.0 BETA REVIEW*

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.

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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.

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	280	281	282	283	284	285	286	287	288	289	28A	28B	28C	28D	28E	28F
0	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	28A0	28B0	28C0	28D0	28E0	28F0
1	2801	2811	2821	2831	2841	2851	2861	2871	2881	2891	28A1	28B1	28C1	28D1	28E1	28F1
2	2802	2812	2822	2832	2842	2852	2862	2872	2882	2892	28A2	28B2	28C2	28D2	28E2	28F2
3	2803	2813	2823	2833	2843	2853	2863	2873	2883	2893	28A3	28B3	28C3	28D3	28E3	28F3
4	2804	2814	2824	2834	2844	2854	2864	2874	2884	2894	28A4	28B4	28C4	28D4	28E4	28F4
5	2805	2815	2825	2835	2845	2855	2865	2875	2885	2895	28A5	28B5	28C5	28D5	28E5	28F5
6	2806	2816	2826	2836	2846	2856	2866	2876	2886	2896	28A6	28B6	28C6	28D6	28E6	28F6
7	2807	2817	2827	2837	2847	2857	2867	2877	2887	2897	28A7	28B7	28C7	28D7	28E7	28F7
8	2808	2818	2828	2838	2848	2858	2868	2878	2888	2898	28A8	28B8	28C8	28D8	28E8	28F8
9	2809	2819	2829	2839	2849	2859	2869	2879	2889	2899	28A9	28B9	28C9	28D9	28E9	28F9
A	280A	281A	282A	283A	284A	285A	286A	287A	288A	289A	28AA	28BA	28CA	28DA	28EA	28FA
B	280B	281B	282B	283B	284B	285B	286B	287B	288B	289B	28AB	28BB	28CB	28DB	28EB	28FB
C	280C	281C	282C	283C	284C	285C	286C	287C	288C	289C	28AC	28BC	28CC	28DC	28EC	28FC
D	280D	281D	282D	283D	284D	285D	286D	287D	288D	289D	28AD	28BD	28CD	28DD	28ED	28FD
E	280E	281E	282E	283E	284E	285E	286E	287E	288E	289E	28AE	28BE	28CE	28DE	28EE	28FE
F	280F	281F	282F	283F	284F	285F	286F	287F	288F	289F	28AF	28BF	28CF	28DF	28EF	28FF

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

### Braille patterns

2800	⠠	BRaille PATTERN BLANK	2838	⠠	BRaille PATTERN DOTS-456
		• while this character is imaged as a fixed-width blank in many fonts, it does not act as a space	2839	⠠	BRaille PATTERN DOTS-1456
2801	⠠	BRaille PATTERN DOTS-1	283A	⠠	BRaille PATTERN DOTS-2456
2802	⠠	BRaille PATTERN DOTS-2	283B	⠠	BRaille PATTERN DOTS-12456
2803	⠠	BRaille PATTERN DOTS-12	283C	⠠	BRaille PATTERN DOTS-3456
2804	⠠	BRaille PATTERN DOTS-3	283D	⠠	BRaille PATTERN DOTS-13456
2805	⠠	BRaille PATTERN DOTS-13	283E	⠠	BRaille PATTERN DOTS-23456
2806	⠠	BRaille PATTERN DOTS-23	283F	⠠	BRaille PATTERN DOTS-123456
2807	⠠	BRaille PATTERN DOTS-123	2840	⠠	BRaille PATTERN DOTS-7
2808	⠠	BRaille PATTERN DOTS-4	2841	⠠	BRaille PATTERN DOTS-17
2809	⠠	BRaille PATTERN DOTS-14	2842	⠠	BRaille PATTERN DOTS-27
280A	⠠	BRaille PATTERN DOTS-24	2843	⠠	BRaille PATTERN DOTS-127
280B	⠠	BRaille PATTERN DOTS-124	2844	⠠	BRaille PATTERN DOTS-37
280C	⠠	BRaille PATTERN DOTS-34	2845	⠠	BRaille PATTERN DOTS-137
280D	⠠	BRaille PATTERN DOTS-134	2846	⠠	BRaille PATTERN DOTS-237
280E	⠠	BRaille PATTERN DOTS-234	2847	⠠	BRaille PATTERN DOTS-1237
280F	⠠	BRaille PATTERN DOTS-1234	2848	⠠	BRaille PATTERN DOTS-47
2810	⠠	BRaille PATTERN DOTS-5	2849	⠠	BRaille PATTERN DOTS-147
2811	⠠	BRaille PATTERN DOTS-15	284A	⠠	BRaille PATTERN DOTS-247
2812	⠠	BRaille PATTERN DOTS-25	284B	⠠	BRaille PATTERN DOTS-1247
2813	⠠	BRaille PATTERN DOTS-125	284C	⠠	BRaille PATTERN DOTS-347
2814	⠠	BRaille PATTERN DOTS-35	284D	⠠	BRaille PATTERN DOTS-1347
2815	⠠	BRaille PATTERN DOTS-135	284E	⠠	BRaille PATTERN DOTS-2347
2816	⠠	BRaille PATTERN DOTS-235	284F	⠠	BRaille PATTERN DOTS-12347
2817	⠠	BRaille PATTERN DOTS-1235	2850	⠠	BRaille PATTERN DOTS-57
2818	⠠	BRaille PATTERN DOTS-45	2851	⠠	BRaille PATTERN DOTS-157
2819	⠠	BRaille PATTERN DOTS-145	2852	⠠	BRaille PATTERN DOTS-257
281A	⠠	BRaille PATTERN DOTS-245	2853	⠠	BRaille PATTERN DOTS-1257
281B	⠠	BRaille PATTERN DOTS-1245	2854	⠠	BRaille PATTERN DOTS-357
281C	⠠	BRaille PATTERN DOTS-345	2855	⠠	BRaille PATTERN DOTS-1357
281D	⠠	BRaille PATTERN DOTS-1345	2856	⠠	BRaille PATTERN DOTS-2357
281E	⠠	BRaille PATTERN DOTS-2345	2857	⠠	BRaille PATTERN DOTS-12357
281F	⠠	BRaille PATTERN DOTS-12345	2858	⠠	BRaille PATTERN DOTS-457
2820	⠠	BRaille PATTERN DOTS-6	2859	⠠	BRaille PATTERN DOTS-1457
2821	⠠	BRaille PATTERN DOTS-16	285A	⠠	BRaille PATTERN DOTS-2457
2822	⠠	BRaille PATTERN DOTS-26	285B	⠠	BRaille PATTERN DOTS-12457
2823	⠠	BRaille PATTERN DOTS-126	285C	⠠	BRaille PATTERN DOTS-3457
2824	⠠	BRaille PATTERN DOTS-36	285D	⠠	BRaille PATTERN DOTS-13457
2825	⠠	BRaille PATTERN DOTS-136	285E	⠠	BRaille PATTERN DOTS-23457
2826	⠠	BRaille PATTERN DOTS-236	285F	⠠	BRaille PATTERN DOTS-123457
2827	⠠	BRaille PATTERN DOTS-1236	2860	⠠	BRaille PATTERN DOTS-67
2828	⠠	BRaille PATTERN DOTS-46	2861	⠠	BRaille PATTERN DOTS-167
2829	⠠	BRaille PATTERN DOTS-146	2862	⠠	BRaille PATTERN DOTS-267
282A	⠠	BRaille PATTERN DOTS-246	2863	⠠	BRaille PATTERN DOTS-1267
282B	⠠	BRaille PATTERN DOTS-1246	2864	⠠	BRaille PATTERN DOTS-367
282C	⠠	BRaille PATTERN DOTS-346	2865	⠠	BRaille PATTERN DOTS-1367
282D	⠠	BRaille PATTERN DOTS-1346	2866	⠠	BRaille PATTERN DOTS-2367
282E	⠠	BRaille PATTERN DOTS-2346	2867	⠠	BRaille PATTERN DOTS-12367
282F	⠠	BRaille PATTERN DOTS-12346	2868	⠠	BRaille PATTERN DOTS-467
2830	⠠	BRaille PATTERN DOTS-56	2869	⠠	BRaille PATTERN DOTS-1467
2831	⠠	BRaille PATTERN DOTS-156	286A	⠠	BRaille PATTERN DOTS-2467
2832	⠠	BRaille PATTERN DOTS-256	286B	⠠	BRaille PATTERN DOTS-12467
2833	⠠	BRaille PATTERN DOTS-1256	286C	⠠	BRaille PATTERN DOTS-3467
2834	⠠	BRaille PATTERN DOTS-356	286D	⠠	BRaille PATTERN DOTS-13467
2835	⠠	BRaille PATTERN DOTS-1356	286E	⠠	BRaille PATTERN DOTS-23467
2836	⠠	BRaille PATTERN DOTS-2356	286F	⠠	BRaille PATTERN DOTS-123467
2837	⠠	BRaille PATTERN DOTS-12356	2870	⠠	BRaille PATTERN DOTS-567
			2871	⠠	BRaille PATTERN DOTS-1567
			2872	⠠	BRaille PATTERN DOTS-2567
			2873	⠠	BRaille PATTERN DOTS-12567
			2874	⠠	BRaille PATTERN DOTS-3567
			2875	⠠	BRaille PATTERN DOTS-13567

2876	⠠	BRAILLE PATTERN DOTS-23567	28B4	⠠	BRAILLE PATTERN DOTS-3568
2877	⠠	BRAILLE PATTERN DOTS-123567	28B5	⠠	BRAILLE PATTERN DOTS-13568
2878	⠠	BRAILLE PATTERN DOTS-4567	28B6	⠠	BRAILLE PATTERN DOTS-23568
2879	⠠	BRAILLE PATTERN DOTS-14567	28B7	⠠	BRAILLE PATTERN DOTS-123568
287A	⠠	BRAILLE PATTERN DOTS-24567	28B8	⠠	BRAILLE PATTERN DOTS-4568
287B	⠠	BRAILLE PATTERN DOTS-124567	28B9	⠠	BRAILLE PATTERN DOTS-14568
287C	⠠	BRAILLE PATTERN DOTS-34567	28BA	⠠	BRAILLE PATTERN DOTS-24568
287D	⠠	BRAILLE PATTERN DOTS-134567	28BB	⠠	BRAILLE PATTERN DOTS-124568
287E	⠠	BRAILLE PATTERN DOTS-234567	28BC	⠠	BRAILLE PATTERN DOTS-34568
287F	⠠	BRAILLE PATTERN DOTS-1234567	28BD	⠠	BRAILLE PATTERN DOTS-134568
2880	⠠	BRAILLE PATTERN DOTS-8	28BE	⠠	BRAILLE PATTERN DOTS-234568
2881	⠠	BRAILLE PATTERN DOTS-18	28BF	⠠	BRAILLE PATTERN DOTS-1234568
2882	⠠	BRAILLE PATTERN DOTS-28	28C0	⠠	BRAILLE PATTERN DOTS-78
2883	⠠	BRAILLE PATTERN DOTS-128	28C1	⠠	BRAILLE PATTERN DOTS-178
2884	⠠	BRAILLE PATTERN DOTS-38	28C2	⠠	BRAILLE PATTERN DOTS-278
2885	⠠	BRAILLE PATTERN DOTS-138	28C3	⠠	BRAILLE PATTERN DOTS-1278
2886	⠠	BRAILLE PATTERN DOTS-238	28C4	⠠	BRAILLE PATTERN DOTS-378
2887	⠠	BRAILLE PATTERN DOTS-1238	28C5	⠠	BRAILLE PATTERN DOTS-1378
2888	⠠	BRAILLE PATTERN DOTS-48	28C6	⠠	BRAILLE PATTERN DOTS-2378
2889	⠠	BRAILLE PATTERN DOTS-148	28C7	⠠	BRAILLE PATTERN DOTS-12378
288A	⠠	BRAILLE PATTERN DOTS-248	28C8	⠠	BRAILLE PATTERN DOTS-478
288B	⠠	BRAILLE PATTERN DOTS-1248	28C9	⠠	BRAILLE PATTERN DOTS-1478
288C	⠠	BRAILLE PATTERN DOTS-348	28CA	⠠	BRAILLE PATTERN DOTS-2478
288D	⠠	BRAILLE PATTERN DOTS-1348	28CB	⠠	BRAILLE PATTERN DOTS-12478
288E	⠠	BRAILLE PATTERN DOTS-2348	28CC	⠠	BRAILLE PATTERN DOTS-3478
288F	⠠	BRAILLE PATTERN DOTS-12348	28CD	⠠	BRAILLE PATTERN DOTS-13478
2890	⠠	BRAILLE PATTERN DOTS-58	28CE	⠠	BRAILLE PATTERN DOTS-23478
2891	⠠	BRAILLE PATTERN DOTS-158	28CF	⠠	BRAILLE PATTERN DOTS-123478
2892	⠠	BRAILLE PATTERN DOTS-258	28D0	⠠	BRAILLE PATTERN DOTS-578
2893	⠠	BRAILLE PATTERN DOTS-1258	28D1	⠠	BRAILLE PATTERN DOTS-1578
2894	⠠	BRAILLE PATTERN DOTS-358	28D2	⠠	BRAILLE PATTERN DOTS-2578
2895	⠠	BRAILLE PATTERN DOTS-1358	28D3	⠠	BRAILLE PATTERN DOTS-12578
2896	⠠	BRAILLE PATTERN DOTS-2358	28D4	⠠	BRAILLE PATTERN DOTS-3578
2897	⠠	BRAILLE PATTERN DOTS-12358	28D5	⠠	BRAILLE PATTERN DOTS-13578
2898	⠠	BRAILLE PATTERN DOTS-458	28D6	⠠	BRAILLE PATTERN DOTS-23578
2899	⠠	BRAILLE PATTERN DOTS-1458	28D7	⠠	BRAILLE PATTERN DOTS-123578
289A	⠠	BRAILLE PATTERN DOTS-2458	28D8	⠠	BRAILLE PATTERN DOTS-4578
289B	⠠	BRAILLE PATTERN DOTS-12458	28D9	⠠	BRAILLE PATTERN DOTS-14578
289C	⠠	BRAILLE PATTERN DOTS-3458	28DA	⠠	BRAILLE PATTERN DOTS-24578
289D	⠠	BRAILLE PATTERN DOTS-13458	28DB	⠠	BRAILLE PATTERN DOTS-124578
289E	⠠	BRAILLE PATTERN DOTS-23458	28DC	⠠	BRAILLE PATTERN DOTS-34578
289F	⠠	BRAILLE PATTERN DOTS-123458	28DD	⠠	BRAILLE PATTERN DOTS-134578
28A0	⠠	BRAILLE PATTERN DOTS-68	28DE	⠠	BRAILLE PATTERN DOTS-234578
28A1	⠠	BRAILLE PATTERN DOTS-168	28DF	⠠	BRAILLE PATTERN DOTS-1234578
28A2	⠠	BRAILLE PATTERN DOTS-268	28E0	⠠	BRAILLE PATTERN DOTS-678
28A3	⠠	BRAILLE PATTERN DOTS-1268	28E1	⠠	BRAILLE PATTERN DOTS-1678
28A4	⠠	BRAILLE PATTERN DOTS-368	28E2	⠠	BRAILLE PATTERN DOTS-2678
28A5	⠠	BRAILLE PATTERN DOTS-1368	28E3	⠠	BRAILLE PATTERN DOTS-12678
28A6	⠠	BRAILLE PATTERN DOTS-2368	28E4	⠠	BRAILLE PATTERN DOTS-3678
28A7	⠠	BRAILLE PATTERN DOTS-12368	28E5	⠠	BRAILLE PATTERN DOTS-13678
28A8	⠠	BRAILLE PATTERN DOTS-468	28E6	⠠	BRAILLE PATTERN DOTS-23678
28A9	⠠	BRAILLE PATTERN DOTS-1468	28E7	⠠	BRAILLE PATTERN DOTS-123678
28AA	⠠	BRAILLE PATTERN DOTS-2468	28E8	⠠	BRAILLE PATTERN DOTS-4678
28AB	⠠	BRAILLE PATTERN DOTS-12468	28E9	⠠	BRAILLE PATTERN DOTS-14678
28AC	⠠	BRAILLE PATTERN DOTS-3468	28EA	⠠	BRAILLE PATTERN DOTS-24678
28AD	⠠	BRAILLE PATTERN DOTS-13468	28EB	⠠	BRAILLE PATTERN DOTS-124678
28AE	⠠	BRAILLE PATTERN DOTS-23468	28EC	⠠	BRAILLE PATTERN DOTS-34678
28AF	⠠	BRAILLE PATTERN DOTS-123468	28ED	⠠	BRAILLE PATTERN DOTS-134678
28B0	⠠	BRAILLE PATTERN DOTS-568	28EE	⠠	BRAILLE PATTERN DOTS-234678
28B1	⠠	BRAILLE PATTERN DOTS-1568	28EF	⠠	BRAILLE PATTERN DOTS-1234678
28B2	⠠	BRAILLE PATTERN DOTS-2568	28F0	⠠	BRAILLE PATTERN DOTS-5678
28B3	⠠	BRAILLE PATTERN DOTS-12568	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