

## 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 5.0*.

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

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <http://www.unicode.org/charts/PDF/Unicode-5.0/> for charts showing only the characters added in Unicode 5.0. See <http://www.unicode.org/Public/5.0.0/charts/> for a complete archived file of character code charts for Unicode 5.0.

## Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 5.0 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 5.0* (ISBN 0-321-48091-0), online at <http://www.unicode.org/versions/Unicode5.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, and #34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

See <http://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.

## 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 <http://www.unicode.org/charts/fonts.html> for a list.

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

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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	•••••	BRaille PATTERN BLANK	283E	•••••	BRaille PATTERN DOTS-23456
	•••••	• while this character is imaged as a fixed-width blank in many fonts, it does not act as a space	283F	•••••	BRaille PATTERN DOTS-123456
2801	•••••	BRaille PATTERN DOTS-1	2840	•••••	BRaille PATTERN DOTS-7
2802	•••••	BRaille PATTERN DOTS-2	2841	•••••	BRaille PATTERN DOTS-17
2803	•••••	BRaille PATTERN DOTS-12	2842	•••••	BRaille PATTERN DOTS-27
2804	•••••	BRaille PATTERN DOTS-3	2843	•••••	BRaille PATTERN DOTS-127
2805	•••••	BRaille PATTERN DOTS-13	2844	•••••	BRaille PATTERN DOTS-37
2806	•••••	BRaille PATTERN DOTS-23	2845	•••••	BRaille PATTERN DOTS-137
2807	•••••	BRaille PATTERN DOTS-123	2846	•••••	BRaille PATTERN DOTS-237
2808	•••••	BRaille PATTERN DOTS-4	2847	•••••	BRaille PATTERN DOTS-1237
2809	•••••	BRaille PATTERN DOTS-14	2848	•••••	BRaille PATTERN DOTS-47
280A	•••••	BRaille PATTERN DOTS-24	2849	•••••	BRaille PATTERN DOTS-147
280B	•••••	BRaille PATTERN DOTS-124	284A	•••••	BRaille PATTERN DOTS-247
280C	•••••	BRaille PATTERN DOTS-34	284B	•••••	BRaille PATTERN DOTS-1247
280D	•••••	BRaille PATTERN DOTS-134	284C	•••••	BRaille PATTERN DOTS-347
280E	•••••	BRaille PATTERN DOTS-234	284D	•••••	BRaille PATTERN DOTS-1347
280F	•••••	BRaille PATTERN DOTS-1234	284E	•••••	BRaille PATTERN DOTS-2347
2810	•••••	BRaille PATTERN DOTS-5	284F	•••••	BRaille PATTERN DOTS-12347
2811	•••••	BRaille PATTERN DOTS-15	2850	•••••	BRaille PATTERN DOTS-57
2812	•••••	BRaille PATTERN DOTS-25	2851	•••••	BRaille PATTERN DOTS-157
2813	•••••	BRaille PATTERN DOTS-125	2852	•••••	BRaille PATTERN DOTS-257
2814	•••••	BRaille PATTERN DOTS-35	2853	•••••	BRaille PATTERN DOTS-1257
2815	•••••	BRaille PATTERN DOTS-135	2854	•••••	BRaille PATTERN DOTS-357
2816	•••••	BRaille PATTERN DOTS-235	2855	•••••	BRaille PATTERN DOTS-1357
2817	•••••	BRaille PATTERN DOTS-1235	2856	•••••	BRaille PATTERN DOTS-2357
2818	•••••	BRaille PATTERN DOTS-45	2857	•••••	BRaille PATTERN DOTS-12357
2819	•••••	BRaille PATTERN DOTS-145	2858	•••••	BRaille PATTERN DOTS-457
281A	•••••	BRaille PATTERN DOTS-245	2859	•••••	BRaille PATTERN DOTS-1457
281B	•••••	BRaille PATTERN DOTS-1245	285A	•••••	BRaille PATTERN DOTS-2457
281C	•••••	BRaille PATTERN DOTS-345	285B	•••••	BRaille PATTERN DOTS-12457
281D	•••••	BRaille PATTERN DOTS-1345	285C	•••••	BRaille PATTERN DOTS-3457
281E	•••••	BRaille PATTERN DOTS-2345	285D	•••••	BRaille PATTERN DOTS-13457
281F	•••••	BRaille PATTERN DOTS-12345	285E	•••••	BRaille PATTERN DOTS-23457
2820	•••••	BRaille PATTERN DOTS-6	285F	•••••	BRaille PATTERN DOTS-123457
2821	•••••	BRaille PATTERN DOTS-16	2860	•••••	BRaille PATTERN DOTS-67
2822	•••••	BRaille PATTERN DOTS-26	2861	•••••	BRaille PATTERN DOTS-167
2823	•••••	BRaille PATTERN DOTS-126	2862	•••••	BRaille PATTERN DOTS-267
2824	•••••	BRaille PATTERN DOTS-36	2863	•••••	BRaille PATTERN DOTS-1267
2825	•••••	BRaille PATTERN DOTS-136	2864	•••••	BRaille PATTERN DOTS-367
2826	•••••	BRaille PATTERN DOTS-236	2865	•••••	BRaille PATTERN DOTS-1367
2827	•••••	BRaille PATTERN DOTS-1236	2866	•••••	BRaille PATTERN DOTS-2367
2828	•••••	BRaille PATTERN DOTS-46	2867	•••••	BRaille PATTERN DOTS-12367
2829	•••••	BRaille PATTERN DOTS-146	2868	•••••	BRaille PATTERN DOTS-467
282A	•••••	BRaille PATTERN DOTS-246	2869	•••••	BRaille PATTERN DOTS-1467
282B	•••••	BRaille PATTERN DOTS-1246	286A	•••••	BRaille PATTERN DOTS-2467
282C	•••••	BRaille PATTERN DOTS-346	286B	•••••	BRaille PATTERN DOTS-12467
282D	•••••	BRaille PATTERN DOTS-1346	286C	•••••	BRaille PATTERN DOTS-3467
282E	•••••	BRaille PATTERN DOTS-2346	286D	•••••	BRaille PATTERN DOTS-13467
282F	•••••	BRaille PATTERN DOTS-12346	286E	•••••	BRaille PATTERN DOTS-23467
2830	•••••	BRaille PATTERN DOTS-56	286F	•••••	BRaille PATTERN DOTS-123467
2831	•••••	BRaille PATTERN DOTS-156	2870	•••••	BRaille PATTERN DOTS-567
2832	•••••	BRaille PATTERN DOTS-256	2871	•••••	BRaille PATTERN DOTS-1567
2833	•••••	BRaille PATTERN DOTS-1256	2872	•••••	BRaille PATTERN DOTS-2567
2834	•••••	BRaille PATTERN DOTS-356	2873	•••••	BRaille PATTERN DOTS-12567
2835	•••••	BRaille PATTERN DOTS-1356	2874	•••••	BRaille PATTERN DOTS-3567
2836	•••••	BRaille PATTERN DOTS-2356	2875	•••••	BRaille PATTERN DOTS-13567
2837	•••••	BRaille PATTERN DOTS-12356	2876	•••••	BRaille PATTERN DOTS-23567
2838	•••••	BRaille PATTERN DOTS-456	2877	•••••	BRaille PATTERN DOTS-123567
2839	•••••	BRaille PATTERN DOTS-1456	2878	•••••	BRaille PATTERN DOTS-4567
283A	•••••	BRaille PATTERN DOTS-2456	2879	•••••	BRaille PATTERN DOTS-14567
283B	•••••	BRaille PATTERN DOTS-12456	287A	•••••	BRaille PATTERN DOTS-24567
283C	•••••	BRaille PATTERN DOTS-3456	287B	•••••	BRaille PATTERN DOTS-124567
283D	•••••	BRaille PATTERN DOTS-13456	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