

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 5.1*.

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-5.1/> for charts showing only the characters added in Unicode 5.1. See <http://www.unicode.org/Public/5.1.0/charts/> for a complete archived file of character code charts for Unicode 5.1.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 5.1 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 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, #34, #38, #41, #42, and #44, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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