

User:Vanisaac/Braille Extended

< [User:Vanisaac](#)

Braille Extended (CSUR Block)













































The **Braille Extended** proposal has been requested for inclusion on the [Under-ConScript Unicode Registry](#) for allocation in the U+EB60..U+EB9F block location. The proposed characters are a complete permutation of all Braille patterns as specified in the original 1829 [braille](#) specification, but not otherwise encoded in the [Braille Patterns](#) Unicode block. [Louis Braille](#) had anticipated that bar patterns might be cumbersome, and defined the "number" ∴ [Braille pattern dots-3456](#) as an alternate for specifying the barred braille patterns originally defined, a practice that was soon limited in practice to only distinguishing the numbers. Louis' prediction proved prophetic, and barred patterns were quickly removed from Braille specifications soon thereafter.

Block alloction

The Braille Extended Block has 61 characters, and is proposed for the (Under)ConScript Unicode Registry's U+EB60..U+EB9F range in the [BMP Private Use Area](#).

| Braille Extended | |
|---|--|
| Range | U+EB60..U+EB9F (64 code points) |
| Plane | BMP |
| Scripts | Braille |
| Symbol sets | 1829 braille characters |
| Assigned | 61 code points |
| Unused | 0 reserved code points 3 non-characters |
| Note: Submitted to Under-ConScript Unicode Registry for unofficial allocation in BMP Private Use Area in U+EB60..U+EB9F range. | |

Braille Extended

| | U+EB6 | U+EB7 | U+EB8 | U+EB9 | Character list |
|---|---|---|---|---|--|
| 0 |  EB60 |  EB70 |  EB80 |  EB90 | <ul style="list-style-type: none"> ▪ U+EB60 - BRAILLE PATTERN DOTS-0 BARS-1 ▪ U+EB61 - BRAILLE PATTERN DOTS-2 BARS-1 ▪ U+EB62 - BRAILLE PATTERN DOTS-3 BARS-1 ▪ U+EB63 - BRAILLE PATTERN DOTS-23 BARS-1 ▪ U+EB64 - BRAILLE PATTERN DOTS-5 BARS-1 ▪ U+EB65 - BRAILLE PATTERN DOTS-25 BARS-1 ▪ U+EB66 - BRAILLE PATTERN DOTS-35 BARS-1 ▪ U+EB67 - BRAILLE PATTERN DOTS-235 BARS-1 ▪ U+EB68 - BRAILLE PATTERN DOTS-6 BARS-1 ▪ U+EB69 - BRAILLE PATTERN DOTS-26 BARS-1 ▪ U+EB6A - BRAILLE PATTERN DOTS-36 BARS-1 ▪ U+EB6B - BRAILLE PATTERN DOTS-236 BARS-1 ▪ U+EB6C - BRAILLE PATTERN DOTS-56 BARS-1 ▪ U+EB6D - BRAILLE PATTERN DOTS-256 BARS-1 ▪ U+EB6E - BRAILLE PATTERN DOTS-356 BARS-1 ▪ U+EB6F - BRAILLE PATTERN DOTS-235 BARS-1 ▪ U+EB70 - BRAILLE PATTERN DOTS-0 BARS-2 ▪ U+EB71 - BRAILLE PATTERN DOTS-1 BARS-2 ▪ U+EB72 - BRAILLE PATTERN DOTS-3 BARS-2 ▪ U+EB73 - BRAILLE PATTERN DOTS-13 BARS-2 ▪ U+EB74 - BRAILLE PATTERN DOTS-4 BARS-2 ▪ U+EB75 - BRAILLE PATTERN DOTS-14 BARS-2 ▪ U+EB76 - BRAILLE PATTERN DOTS-34 BARS-2 ▪ U+EB77 - BRAILLE PATTERN DOTS-134 BARS-2 ▪ U+EB78 - BRAILLE PATTERN DOTS-6 BARS-2 ▪ U+EB79 - BRAILLE PATTERN DOTS-16 BARS-2 ▪ U+EB7A - BRAILLE PATTERN DOTS-36 BARS-2 ▪ U+EB7B - BRAILLE PATTERN DOTS-136 BARS-2 ▪ U+EB7C - BRAILLE PATTERN DOTS-46 BARS-2 ▪ U+EB7D - BRAILLE PATTERN DOTS-146 BARS-2 ▪ U+EB7E - BRAILLE PATTERN DOTS-346 BARS-2 ▪ U+EB7F - BRAILLE PATTERN DOTS-1346 BARS-2 ▪ U+EB80 - BRAILLE PATTERN DOTS-0 BARS-3 ▪ U+EB81 - BRAILLE PATTERN DOTS-1 BARS-3 ▪ U+EB82 - BRAILLE PATTERN DOTS-2 BARS-3 ▪ U+EB83 - BRAILLE PATTERN DOTS-12 BARS-3 ▪ U+EB84 - BRAILLE PATTERN DOTS-4 BARS-3 ▪ U+EB85 - BRAILLE PATTERN DOTS-14 BARS-3 ▪ U+EB86 - BRAILLE PATTERN DOTS-24 BARS-3 ▪ U+EB87 - BRAILLE PATTERN DOTS-124 BARS-3 ▪ U+EB88 - BRAILLE PATTERN DOTS-5 BARS-3 ▪ U+EB89 - BRAILLE PATTERN DOTS-15 BARS-3 ▪ U+EB8A - BRAILLE PATTERN DOTS-25 BARS-3 ▪ U+EB8B - BRAILLE PATTERN DOTS-125 BARS-3 |
| 1 |  EB61 |  EB71 |  EB81 |  EB91 | |
| 2 |  EB62 |  EB72 |  EB82 |  EB92 | |
| 3 |  EB63 |  EB73 |  EB83 |  EB93 | |
| 4 |  EB64 |  EB74 |  EB84 |  EB94 | |
| 5 |  EB65 |  EB75 |  EB85 |  EB95 | |
| 6 |  EB66 |  EB76 |  EB86 |  EB96 | |
| 7 |  EB67 |  EB77 |  EB87 |  EB97 | |
| 8 |  EB68 |  EB78 |  EB88 |  EB98 | |
| 9 |  EB69 |  EB79 |  EB89 |  EB99 | |
| A |  EB6A |  EB7A |  EB8A |  EB9A | |

Braille Extended

| | U+EB6 | U+EB7 | U+EB8 | U+EB9 | Character list |
|---|-------|-------|-------|-------|--|
| B | | | | | <ul style="list-style-type: none"> ▪ U+EB8C - BRAILLE PATTERN DOTS-45 BARS-3 ▪ U+EB8D - BRAILLE PATTERN DOTS-145 BARS-3 ▪ U+EB8E - BRAILLE PATTERN DOTS-245 BARS-3 ▪ U+EB8F - BRAILLE PATTERN DOTS-1245 BARS-3 ▪ U+EB90 - BRAILLE PATTERN DOTS-0 BARS-12 ▪ U+EB91 - BRAILLE PATTERN DOTS-3 BARS-12 ▪ U+EB92 - BRAILLE PATTERN DOTS-6 BARS-12 ▪ U+EB93 - BRAILLE PATTERN DOTS-36 BARS-12 ▪ U+EB94 - BRAILLE PATTERN DOTS-0 BARS-13 ▪ U+EB95 - BRAILLE PATTERN DOTS-2 BARS-13 ▪ U+EB96 - BRAILLE PATTERN DOTS-5 BARS-13 ▪ U+EB97 - BRAILLE PATTERN DOTS-25 BARS-13 ▪ U+EB98 - BRAILLE PATTERN DOTS-0 BARS-23 ▪ U+EB99 - BRAILLE PATTERN DOTS-1 BARS-23 ▪ U+EB9A - BRAILLE PATTERN DOTS-4 BARS-23 ▪ U+EB9B - BRAILLE PATTERN DOTS-14 BARS-23 ▪ U+EB9C - BRAILLE PATTERN DOTS-0 BARS-123 ▪ U+EB9D - <i>this position shall not be used</i> ▪ U+EB9E - <i>this position shall not be used</i> ▪ U+EB9F - <i>this position shall not be used</i> |
| | | | | | |
| C | | | | | |
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| D | | | | | |
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| E | | | | | |
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| F | | | | | |
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Character properties

All Braille patterns have identical character properties.

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U+EB60;BRAILLE PATTERN DOTS-0 BARS-1;So;0;L;;;;;N;;;;;
U+EB61;BRAILLE PATTERN DOTS-2 BARS-1;So;0;L;;;;;N;;;;;
U+EB62;BRAILLE PATTERN DOTS-3 BARS-1;So;0;L;;;;;N;;;;;
U+EB63;BRAILLE PATTERN DOTS-23 BARS-1;So;0;L;;;;;N;;;;;
U+EB64;BRAILLE PATTERN DOTS-5 BARS-1;So;0;L;;;;;N;;;;;
U+EB65;BRAILLE PATTERN DOTS-25 BARS-1;So;0;L;;;;;N;;;;;
U+EB66;BRAILLE PATTERN DOTS-35 BARS-1;So;0;L;;;;;N;;;;;
U+EB67;BRAILLE PATTERN DOTS-235 BARS-1;So;0;L;;;;;N;;;;;
U+EB68;BRAILLE PATTERN DOTS-6 BARS-1;So;0;L;;;;;N;;;;;
U+EB69;BRAILLE PATTERN DOTS-26 BARS-1;So;0;L;;;;;N;;;;;
U+EB6A;BRAILLE PATTERN DOTS-36 BARS-1;So;0;L;;;;;N;;;;;
U+EB6B;BRAILLE PATTERN DOTS-236 BARS-1;So;0;L;;;;;N;;;;;
U+EB6C;BRAILLE PATTERN DOTS-56 BARS-1;So;0;L;;;;;N;;;;;
U+EB6D;BRAILLE PATTERN DOTS-256 BARS-1;So;0;L;;;;;N;;;;;
U+EB6E;BRAILLE PATTERN DOTS-356 BARS-1;So;0;L;;;;;N;;;;;
U+EB6F;BRAILLE PATTERN DOTS-235 BARS-1;So;0;L;;;;;N;;;;;
U+EB70;BRAILLE PATTERN DOTS-0 BARS-2;So;0;L;;;;;N;;;;;
U+EB71;BRAILLE PATTERN DOTS-1 BARS-2;So;0;L;;;;;N;;;;;
U+EB72;BRAILLE PATTERN DOTS-3 BARS-2;So;0;L;;;;;N;;;;;
U+EB73;BRAILLE PATTERN DOTS-13 BARS-2;So;0;L;;;;;N;;;;;
U+EB74;BRAILLE PATTERN DOTS-4 BARS-2;So;0;L;;;;;N;;;;;
    
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U+EB75;BRAILLE PATTERN DOTS-14 BARS-2;So;0;L;;;;;N;;;;;
U+EB76;BRAILLE PATTERN DOTS-34 BARS-2;So;0;L;;;;;N;;;;;
U+EB77;BRAILLE PATTERN DOTS-134 BARS-2;So;0;L;;;;;N;;;;;
U+EB78;BRAILLE PATTERN DOTS-6 BARS-2;So;0;L;;;;;N;;;;;
U+EB79;BRAILLE PATTERN DOTS-16 BARS-2;So;0;L;;;;;N;;;;;
U+EB7A;BRAILLE PATTERN DOTS-36 BARS-2;So;0;L;;;;;N;;;;;
U+EB7B;BRAILLE PATTERN DOTS-136 BARS-2;So;0;L;;;;;N;;;;;
U+EB7C;BRAILLE PATTERN DOTS-46 BARS-2;So;0;L;;;;;N;;;;;
U+EB7D;BRAILLE PATTERN DOTS-146 BARS-2;So;0;L;;;;;N;;;;;
U+EB7E;BRAILLE PATTERN DOTS-346 BARS-2;So;0;L;;;;;N;;;;;
U+EB7F;BRAILLE PATTERN DOTS-1346 BARS-2;So;0;L;;;;;N;;;;;
U+EB80;BRAILLE PATTERN DOTS-0 BARS-3;So;0;L;;;;;N;;;;;
U+EB81;BRAILLE PATTERN DOTS-1 BARS-3;So;0;L;;;;;N;;;;;
U+EB82;BRAILLE PATTERN DOTS-2 BARS-3;So;0;L;;;;;N;;;;;
U+EB83;BRAILLE PATTERN DOTS-12 BARS-3;So;0;L;;;;;N;;;;;
U+EB84;BRAILLE PATTERN DOTS-4 BARS-3;So;0;L;;;;;N;;;;;
U+EB85;BRAILLE PATTERN DOTS-14 BARS-3;So;0;L;;;;;N;;;;;
U+EB86;BRAILLE PATTERN DOTS-24 BARS-3;So;0;L;;;;;N;;;;;
U+EB87;BRAILLE PATTERN DOTS-124 BARS-3;So;0;L;;;;;N;;;;;
U+EB88;BRAILLE PATTERN DOTS-5 BARS-3;So;0;L;;;;;N;;;;;
U+EB89;BRAILLE PATTERN DOTS-15 BARS-3;So;0;L;;;;;N;;;;;
U+EB8A;BRAILLE PATTERN DOTS-25 BARS-3;So;0;L;;;;;N;;;;;
U+EB8B;BRAILLE PATTERN DOTS-125 BARS-3;So;0;L;;;;;N;;;;;
U+EB8C;BRAILLE PATTERN DOTS-45 BARS-3;So;0;L;;;;;N;;;;;
U+EB8D;BRAILLE PATTERN DOTS-145 BARS-3;So;0;L;;;;;N;;;;;
U+EB8E;BRAILLE PATTERN DOTS-245 BARS-3;So;0;L;;;;;N;;;;;
U+EB8F;BRAILLE PATTERN DOTS-1245 BARS-3;So;0;L;;;;;N;;;;;
U+EB90;BRAILLE PATTERN DOTS-0 BARS-12;So;0;L;;;;;N;;;;;
U+EB91;BRAILLE PATTERN DOTS-3 BARS-12;So;0;L;;;;;N;;;;;
U+EB92;BRAILLE PATTERN DOTS-6 BARS-12;So;0;L;;;;;N;;;;;
U+EB93;BRAILLE PATTERN DOTS-36 BARS-12;So;0;L;;;;;N;;;;;
U+EB94;BRAILLE PATTERN DOTS-0 BARS-13;So;0;L;;;;;N;;;;;
U+EB95;BRAILLE PATTERN DOTS-2 BARS-13;So;0;L;;;;;N;;;;;
U+EB96;BRAILLE PATTERN DOTS-5 BARS-13;So;0;L;;;;;N;;;;;
U+EB97;BRAILLE PATTERN DOTS-25 BARS-13;So;0;L;;;;;N;;;;;
U+EB98;BRAILLE PATTERN DOTS-0 BARS-23;So;0;L;;;;;N;;;;;
U+EB99;BRAILLE PATTERN DOTS-1 BARS-23;So;0;L;;;;;N;;;;;
U+EB9A;BRAILLE PATTERN DOTS-4 BARS-23;So;0;L;;;;;N;;;;;
U+EB9B;BRAILLE PATTERN DOTS-14 BARS-23;So;0;L;;;;;N;;;;;
U+EB9C;BRAILLE PATTERN DOTS-0 BARS-123;So;0;L;;;;;N;;;;;

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