

User:Vanisaac/Braille Supplement

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Contents

- 1 Braille Supplement (CSUR Block)
 - 1.1 Block allocation
 - 1.2 Character properties
 - 1.3 Night Writing equivalent characters in Braille Patterns Unicode block

Braille Supplement (CSUR Block)

The **Braille Supplement** proposal has been requested for inclusion on the Under-ConScript Unicode Registry for allocation in the U+F16E0..U+F16FF block location. The proposed characters complete the dot patterns needed for representing Night Writing that are not otherwise encoded in the Braille Patterns Unicode block. The limitations in pattern form for Night Writing inspired Louis Braille to adapt Charles Barbier's dotted pattern model when creating the Braille system.

Block allocation

The Braille Supplement Block has 20 characters, and is proposed for the (Under)ConScript Unicode Registry's U+F16E0..U+F16FF range in Supplementary Private Use Area-A.

Braille Supplement	
Range	U+F16E0..U+F16FF (32 code points)
Plane	SPUA-A
Scripts	Braille
Symbol sets	Night Writing characters
Assigned	20 code points
Unused	12 reserved code points
Unicode documentation	
Code chart (https://unicode.org/charts/PDF/UF16E0.pdf) Web page (https://unicode.org/charts/nameslist/n_F16E0.html)	

Braille Supplement

	U+F16E	U+F16F	Character list
0	      F16E0	      F16F0	▪ U-F16E0 BRAILLE PATTERN 1-5 DOTS ▪ U-F16E1 BRAILLE PATTERN 1-6 DOTS ▪ U-F16E2 BRAILLE PATTERN 2-5 DOTS ▪ U-F16E3 BRAILLE PATTERN 2-6 DOTS ▪ U-F16E4 BRAILLE PATTERN 3-5 DOTS ▪ U-F16E5 BRAILLE PATTERN 3-6 DOTS ▪ U-F16E6 BRAILLE PATTERN 4-5 DOTS ▪ U-F16E7 BRAILLE PATTERN 4-6 DOTS ▪ U-F16E8 BRAILLE PATTERN 5-1 DOTS ▪ U-F16E9 BRAILLE PATTERN 5-2 DOTS ▪ U-F16EA BRAILLE PATTERN 5-3 DOTS ▪ U-F16EB BRAILLE PATTERN 5-4 DOTS ▪ U-F16EC BRAILLE PATTERN 5-5 DOTS ▪ U-F16ED BRAILLE PATTERN 5-6 DOTS ▪ U-F16EE BRAILLE PATTERN 6-1 DOTS ▪ U-F16EF BRAILLE PATTERN 6-2 DOTS ▪ U-F16F0 BRAILLE PATTERN 6-3 DOTS ▪ U-F16F1 BRAILLE PATTERN 6-4 DOTS ▪ U-F16F2 BRAILLE PATTERN 6-5 DOTS ▪ U-F16F3 BRAILLE PATTERN 6-6 DOTS
1	      F16E0	      F16F0	
2	      F16E0	      F16F0	
3	      F16E0	      F16F0	
4	      F16E0		
5	      F16E0		
6	      F16E0		

7	F16E0	
8	F16E0	
9	F16E0	
A	F16E0	
B	F16E0	
C	F16E0	
D	F16E0	



E	 F16E0	
F	 F16E0	

Character properties

All Braille patterns have identical character properties.

U-F16E0;BRAILLE PATTERN 1-5 DOTS;So;0;L;;;;N;;;;;
 U-F16E1;BRAILLE PATTERN 1-6 DOTS;So;0;L;;;;N;;;;;
 U-F16E2;BRAILLE PATTERN 2-5 DOTS;So;0;L;;;;N;;;;;
 U-F16E3;BRAILLE PATTERN 2-6 DOTS;So;0;L;;;;N;;;;;
 U-F16E4;BRAILLE PATTERN 3-5 DOTS;So;0;L;;;;N;;;;;
 U-F16E5;BRAILLE PATTERN 3-6 DOTS;So;0;L;;;;N;;;;;
 U-F16E6;BRAILLE PATTERN 4-5 DOTS;So;0;L;;;;N;;;;;
 U-F16E7;BRAILLE PATTERN 4-6 DOTS;So;0;L;;;;N;;;;;
 U-F16E8;BRAILLE PATTERN 5-1 DOTS;So;0;L;;;;N;;;;;
 U-F16E9;BRAILLE PATTERN 5-2 DOTS;So;0;L;;;;N;;;;;
 U-F16EA;BRAILLE PATTERN 5-3 DOTS;So;0;L;;;;N;;;;;
 U-F16EB;BRAILLE PATTERN 5-4 DOTS;So;0;L;;;;N;;;;;
 U-F16EC;BRAILLE PATTERN 5-5 DOTS;So;0;L;;;;N;;;;;
 U-F16ED;BRAILLE PATTERN 5-6 DOTS;So;0;L;;;;N;;;;;
 U-F16EE;BRAILLE PATTERN 6-1 DOTS;So;0;L;;;;N;;;;;
 U-F16EF;BRAILLE PATTERN 6-2 DOTS;So;0;L;;;;N;;;;;
 U-F16F0;BRAILLE PATTERN 6-3 DOTS;So;0;L;;;;N;;;;;
 U-F16F1;BRAILLE PATTERN 6-4 DOTS;So;0;L;;;;N;;;;;
 U-F16F2;BRAILLE PATTERN 6-5 DOTS;So;0;L;;;;N;;;;;
 U-F16F3;BRAILLE PATTERN 6-6 DOTS;So;0;L;;;;N;;;;;

Night Writing equivalent characters in Braille Patterns Unicode block

- **U-2809** BRAILLE PATTERN DOTS-14 = BRAILLE PATTERN 1-1 DOTS
- **U-2819** BRAILLE PATTERN DOTS-145 = BRAILLE PATTERN 1-2 DOTS
- **U-2839** BRAILLE PATTERN DOTS-1456 = BRAILLE PATTERN 1-3 DOTS
- **U-28B9** BRAILLE PATTERN DOTS-14568 = BRAILLE PATTERN 1-4 DOTS
- **U-280B** BRAILLE PATTERN DOTS-124 = BRAILLE PATTERN 2-1 DOTS
- **U-281B** BRAILLE PATTERN DOTS-1245 = BRAILLE PATTERN 2-2 DOTS
- **U-283B** BRAILLE PATTERN DOTS-12456 = BRAILLE PATTERN 2-3 DOTS
- **U-28BB** BRAILLE PATTERN DOTS-124568 = BRAILLE PATTERN 2-4 DOTS
- **U-280F** BRAILLE PATTERN DOTS-1234 = BRAILLE PATTERN 3-1 DOTS

- **U-281F** BRAILLE PATTERN DOTS-12345 = BRAILLE PATTERN 3-2 DOTS
- **U-283F** BRAILLE PATTERN DOTS-123456 = BRAILLE PATTERN 3-3 DOTS
- **U-28BF** BRAILLE PATTERN DOTS-1234568 = BRAILLE PATTERN 3-4 DOTS
- **U-284F** BRAILLE PATTERN DOTS-12347 = BRAILLE PATTERN 4-1 DOTS
- **U-285F** BRAILLE PATTERN DOTS-123475 = BRAILLE PATTERN 4-2 DOTS
- **U-287F** BRAILLE PATTERN DOTS-1234567 = BRAILLE PATTERN 4-3 DOTS
- **U-28FF** BRAILLE PATTERN DOTS-12345678 = BRAILLE PATTERN 4-4 DOTS

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