

Converting Colors

Hex(B1F8F8)

Have a look what the booklet for
Hex(B1F8F8) contains.

Hex(B1F8F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1F8F8)

Conversions

Conversions Part 1

Format	Color
Hex	B1F8F8
RGB	177, 248, 248
RGB Percent	69%, 97%, 97%
CMY	0.3059, 0.0275, 0.0275
CMYK	0.29, 0.00, 0.00, 0.03
HSL	180°, 84%, 83%
HSV	180°, 29%, 97%
XYZ	68.6421, 83.2592, 101.2598
YIQ	226.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

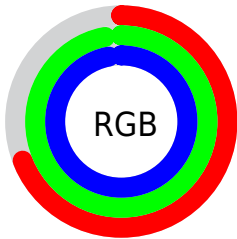
Format	Color
R _{YB}	177, 213, 248
Decimal	11663608
CIE Lab	93.13, -21.78, -7.07
CIE LCh	93, 22.902, 197.975
Yxy	83.2592, 0.2711, 0.3289
Android (android.graphics.Color)	4289853688 (0xFFB1F8F8)
YUV	226.7710, 10.4659, -43.6492
Hunter-Lab	91.2465, -25.4009, -1.9239

Details

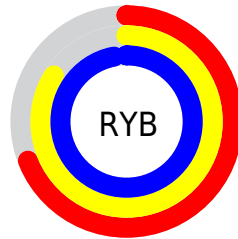
The Hex color **B1F8F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8B1B1**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EAFFFF**, and **7ABFC0** is the 20% darker color. If you saturate the color by 10%, you get **98F8F8**, and if you desaturate by 10%, it is **CAF8F8**.

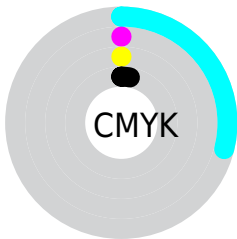
Distribution



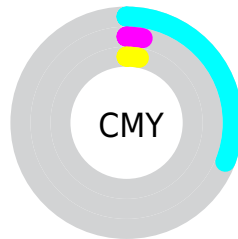
- Red (69%)
- Green (97%)
- Blue (97%)



- Red (69%)
- Yellow (84%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1F8F8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B1F8F8 by changing the saturation by 10% instead.

 B1F8F8

FFFFFF

 EAFFFF

 B1F8F8

 95DBDB

 7ABFC0

 5FA4A5

 448A8A

 277071

 005758

 004041

 00292B

 001417

 B1F8F8

 B1F8F8

 98F8F8

 CAF8F8

 7FF8F8

 E3F8F8

 67F8F8

 FBF8F8

 4EF8F8

 FFF8F8

 35F8F8

 1CF8F8

 03F8F8

 00F8F8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BEF7E1



B1F8F8



B4F5FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1F8F8



FFE1FF



FFE7C1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



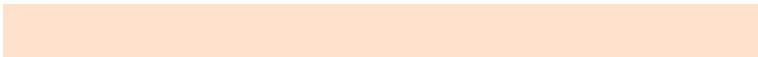
B1F8F8



F8B1B1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE0CB



B1F8F8



FFDDF5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1F8F8



E4E9FF



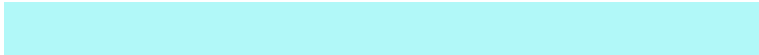
FFDCDF



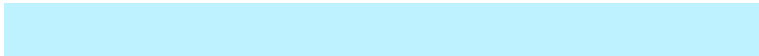
EEEEC1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1F8F8



BFF2FF



FFDCDF



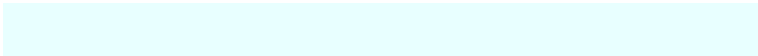
FFE4C3

Sweetspot

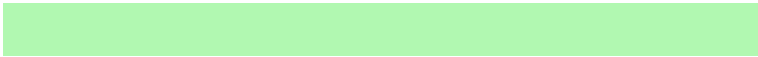
The Sweet Spot groups the original color and five complimentary colors.



B1F8F8



E8FFFF



B1F8B1



718080



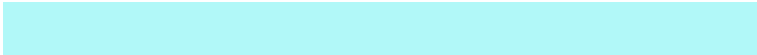
000000



808080

Same Dimension

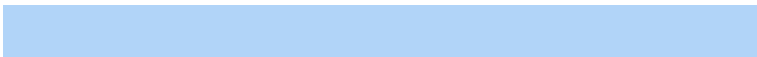
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F8F8



A8FFFF



B1D4F8



707D7D



00BDBD



003D3D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F8B1F8



FFA8FF



F8D4B1



7D707D



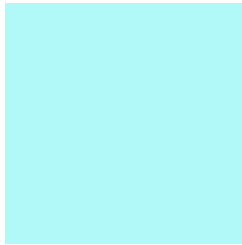
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color B1F8F8 looks on a white background.

Color Contrast Check

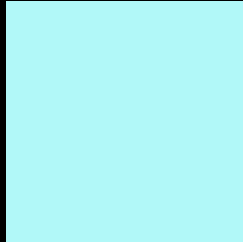
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B1F8F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

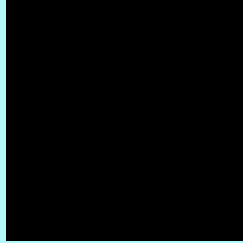
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B1F8F8 Background



This preview shows how black text looks on a background with the Hex color B1F8F8.

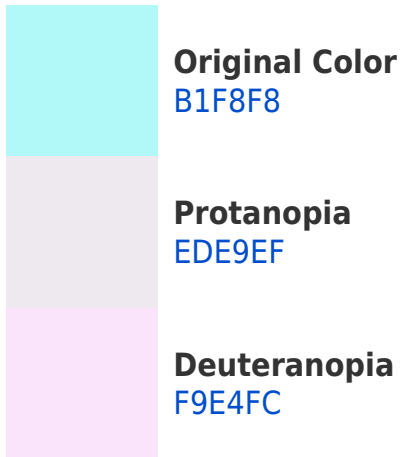


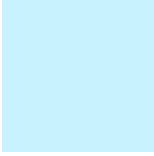
This preview shows how white text looks on a background with the Hex color B1F8F8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



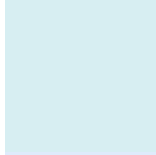


Tritanopia
C9F2FF

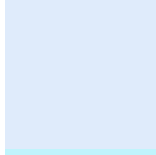
Trichromacy



Original Color
B1F8F8



Protanomaly
D7EEF2



Deuteranomaly
DFEBFB

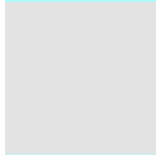


Tritanomaly
C0F4FC

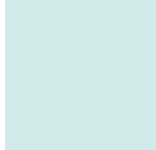
Monochromacy



Original Color
B1F8F8



Achromatopsia
E3E3E3



Achromatomaly
D1EBEB

CSS Examples

Text

The CSS property to change the color of the text to Hex B1F8F8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B1F8F8 looks like.

```
.text, #text, p{  
    color:#B1F8F8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B1F8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F8F8 }  
}
```

Border

The CSS property to change the border of an element to Hex B1F8F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B1F8F8 }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B1F8F8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B1F8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F8F8; -webkit-box-shadow:4px 4px  
4px 4px #B1F8F8; box-shadow:4px 4px 4px  
4px #B1F8F8 }
```

Background

The CSS property to change the background color of an element to Hex B1F8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F8F8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B1F8F8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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