

Converting Colors

Hex(B0F6F8)

Have a look what the booklet for
Hex(B0F6F8) contains.

Hex(B0F6F8)	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(B0F6F8)

Conversions

Conversions Part 1

Format	Color
Hex	B0F6F8
RGB	176, 246, 248
RGB Percent	69%, 96%, 97%
CMY	0.3098, 0.0353, 0.0275
CMYK	0.29, 0.01, 0.00, 0.03
HSL	182°, 84%, 83%
HSV	182°, 29%, 97%
XYZ	67.8035, 81.9190, 101.0453
YIQ	225.2980, -42.3620, -14.2180

Conversions

Conversions Part 2

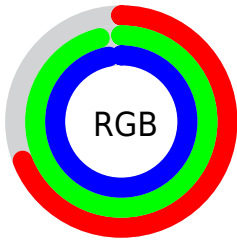
Format	Color
R _Y B	176, 211, 248
Decimal	11597560
CIE Lab	92.54, -21.08, -7.94
CIE LCh	93, 22.528, 200.650
Yxy	81.9190, 0.2704, 0.3267
Android (android.graphics.Color)	4289787640 (0xFFB0F6F8)
YUV	225.2980, 11.1921, -43.2343
Hunter-Lab	90.5091, -24.6703, -2.8356

Details

The Hex color **B0F6F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8B2B0**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **E9FFFF**, and **79BEC0** is the 20% darker color. If you saturate the color by 10%, you get **97F5F8**, and if you desaturate by 10%, it is **C9F7F8**.

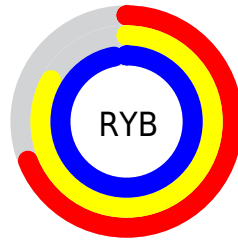
Distribution



Red (69%)

Green (96%)

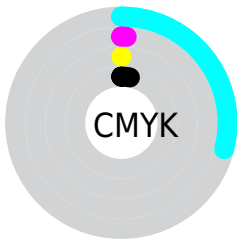
Blue (97%)



Red (69%)

Yellow (83%)

Blue (97%)

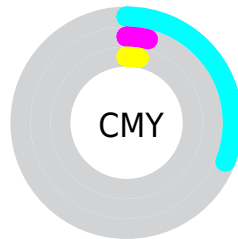


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F6F8 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 B0F6F8 by changing the saturation by 10% instead.

 B0F6F8

FFFFFF

 E9FFFF

 B0F6F8

 94D9DB

 79BEC0

 5EA2A5

 43888A

 266E71

 005658

 003E41

 00282B

 001117

 B0F6F8

 B0F6F8

 97F5F8

 C9F7F8

 7EF5F8

 E2F7F8

 66F4F8

 FAF8F8

 4DF3F8

 FFF9F8

 34F3F8

 FFFAF8

 1BF2F8

 FFFBF8

 02F1F8

 FFFCF8

 00F1F8

Harmonies

Analogous

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



BCF6E2



B0F6F8



B4F3FF

Triad

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



B0F6F8



FFDFFF



FFE6BF

Complementary

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



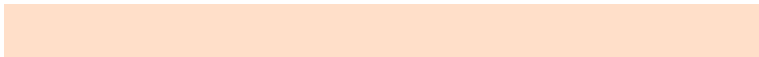
B0F6F8



F8B2B0

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.



FFDFC9



B0F6F8



FFDBF1

Square

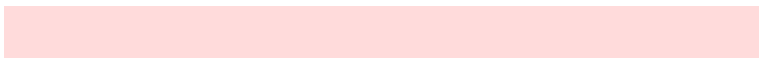
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0F6F8



E5E6FF



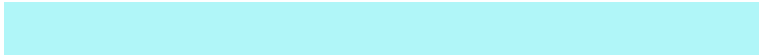
FFDBDB



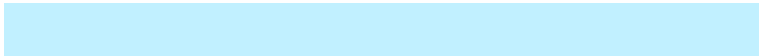
EBEDC1

Rectangle

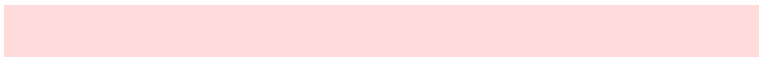
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



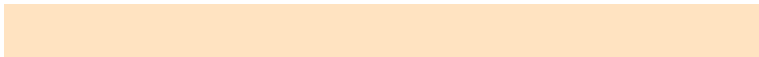
B0F6F8



C1F0FF



FFDBDB



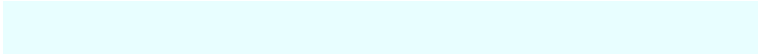
FFE3C1

Sweetspot

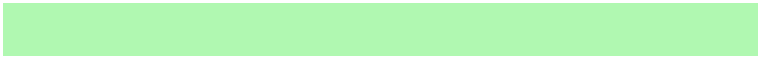
The Sweet Spot groups the original color and five complimentary colors.



B0F6F8



E8FEFF



B0F8B1



717F80



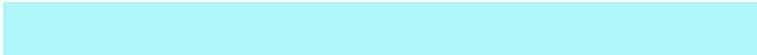
000000



808080

Same Dimension

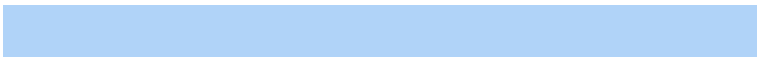
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0F6F8



A6FDFF



B0D3F8



707D7D



00B7BD



003C3D

Inverse Universe

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



F8B0F6



FFA6FD



F8D5B0



7D707D



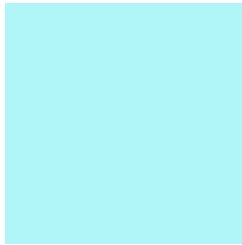
BD00B7



3D003C

Previews

White Background



This preview shows how the Hex color B0F6F8 looks on a white background.

Color Contrast Check

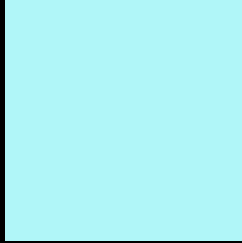
Large Text (above 18pt) WCAG AA × Fail

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 B0F6F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

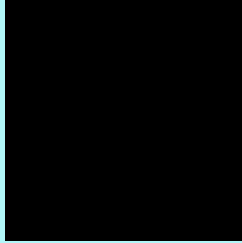
Any Text WCAG AA ✓ Pass

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 B0F6F8 Background



This preview shows how black text looks on a background with the Hex color B0F6F8.



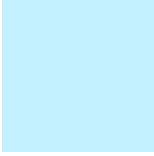
This preview shows how white text looks on a background with the Hex color B0F6F8.

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



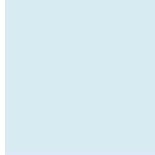


Tritanopia
C4F1FF

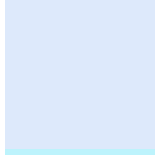
Trichromacy



Original Color
B0F6F8



Protanomaly
D6ECF2



Deuteranomaly
DDE9FB

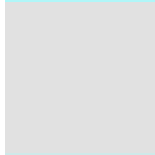


Tritanomaly
BDF3FC

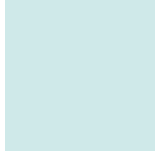
Monochromacy



Original Color
B0F6F8



Achromatopsia
E1E1E1



Achromatomaly
CFE9E9

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F6F8 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 #B0F6F8 looks like.

```
.text, #text, p{  
    color:#B0F6F8  
}
```

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 #B0F6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F6F8
}
```

Border

The CSS property to change the border of an element to Hex B0F6F8 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
#B0F6F8 }
```

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

```
.border{ border-color:#B0F6F8 }
```

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

Here you see how a box with a 4 pixel #B0F6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F6F8; -webkit-box-shadow:4px 4px  
4px 4px #B0F6F8; box-shadow:4px 4px 4px  
4px #B0F6F8 }
```

Background

The CSS property to change the background color of an element to Hex B0F6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F6F8 }
```

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

```
.background{ background-color:#B0F6F8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor