

# Converting Colors

Hex(B0CFFC)

Have a look what the booklet for  
Hex(B0CFFC) contains.

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# **Color**

**Hex(B0CFFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CFFC
RGB	176, 207, 252
RGB Percent	69%, 81%, 99%
CMY	0.3098, 0.1882, 0.0118
CMYK	0.30, 0.18, 0.00, 0.01
HSL	216°, 93%, 84%
HSV	216°, 30%, 99%
XYZ	57.7880, 60.8840, 100.8015
YIQ	202.8610, -32.9210, 7.4230

# Conversions

## Conversions Part 2

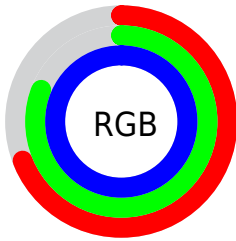
Format	Color
R <sub>Y</sub> B	176, 198, 252
Decimal	11587580
CIE Lab	82.32, -0.20, -25.41
CIE LCh	82, 25.414, 269.557
Yxy	60.8840, 0.2633, 0.2774
Android (android.graphics.Color)	4289777660 (0xFFB0CFFC)
YUV	202.8610, 24.2255, -23.5571
Hunter-Lab	78.0282, -4.3516, -21.9746

# Details

The Hex color **B0CFFC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FCDDB0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFFF**, and **7999C3** is the 20% darker color. If you saturate the color by 10%, you get **97C0FC**, and if you desaturate by 10%, it is **C9DEFC**.

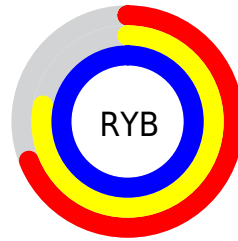
# Distribution



Red (69%)

Green (81%)

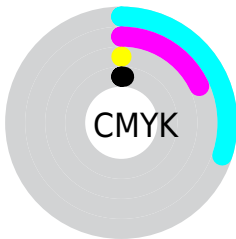
Blue (99%)



Red (69%)

Yellow (78%)

Blue (99%)

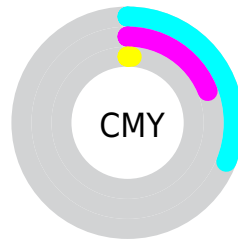


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (19%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0CFFC 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 B0CFFC by changing the saturation by 10% instead.



 B0CFFC

 B0CFFC

FFFFFF

 94B4DF

 E9FFFF

 7999C3

 5F7FA8

 45668D

 2B4E74

 0B375B

 002243

 000C2D

 000118

 B0CFFC

 B0CFFC

 97C0FC

 C9DEFC

 7EB1FC

 E2EDFC

 64A2FC

 FCFCFC

 4B93FC

 FFFFC

 3284FC

 1975FC

 0067FC

# Harmonies

## Analogous

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



94D6F5



B0CFFC



D0C7F6

# Triad

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



B0CFFC



FDBDB6



AAD8B4

# Complementary

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



B0CFFC



FCDDB0

# 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.



C5D2A3



B0CFFC



F3C3A4

# Square

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



B0CFFC



FBBCCE



DFCB9D



93DACC

# Rectangle

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



B0CFFC



E3C2EC



DFCB9D



B3D6AD

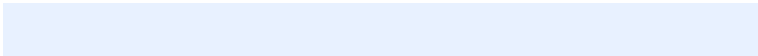


# Sweetspot

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



B0CFFC



E8F1FF



B0FCDC



717780



000000



808080



# Same Dimension

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



B0CFFC



A3C9FF



B6B0FC



70767D



004DBD



00193D



# Inverse Universe

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



FCB0CF



FFA3C9



F6FCB0



7D7076



BD004D



3D0019



# Previews

## White Background



This preview shows how the Hex color B0CFFC looks on a white background.

## Color Contrast Check

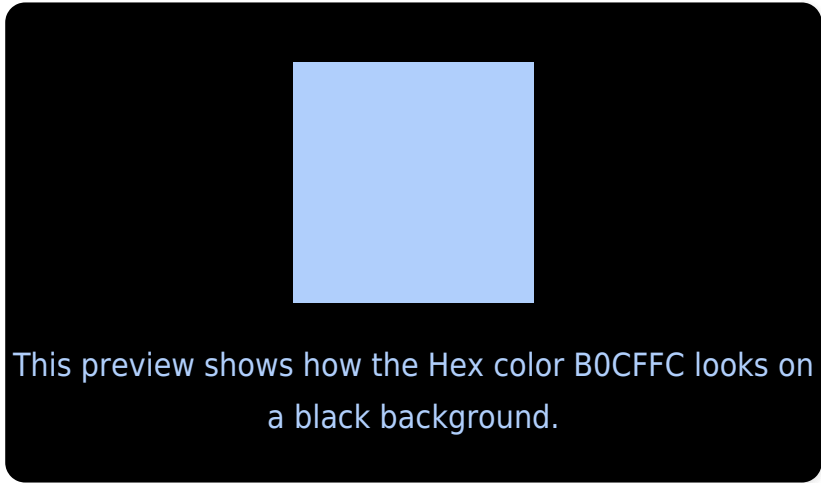
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

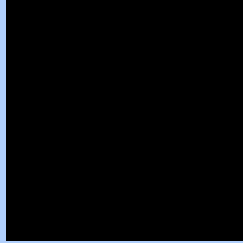
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

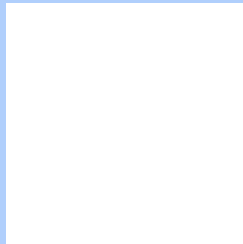
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0CFFC Background



This preview shows how black text looks on a background with the Hex color B0CFFC.



This preview shows how white text looks on a background with the Hex color B0CFFC.

# 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](#).

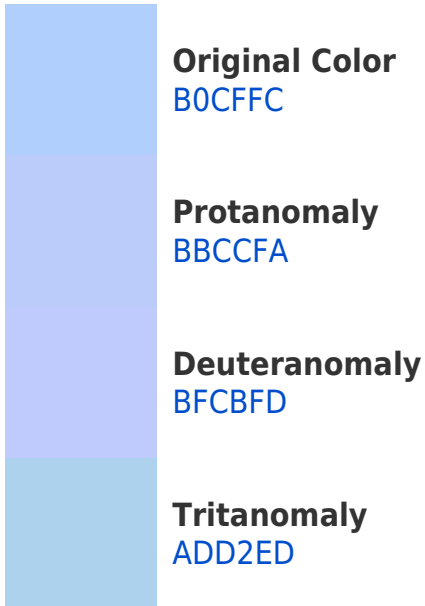
## Dichromacy



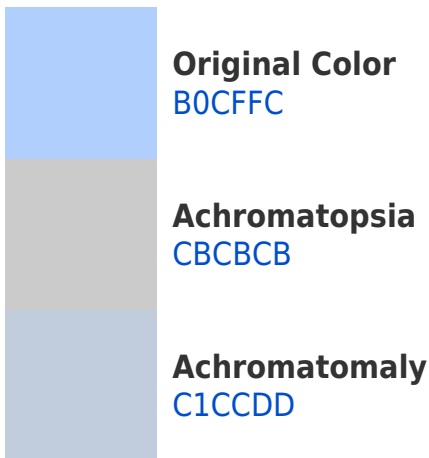


**Tritanopia**  
ABD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0CFFC 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 #B0CFFC looks like.

```
.text, #text, p{  
    color:#B0CFFC  
}
```

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 #B0CFFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CFFC
}
```

## Border

The CSS property to change the border of an element to Hex B0CFFC 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
#B0CFFC }
```

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

```
.border{ border-color:#B0CFFC }
```

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

Here you see how a box with a 4 pixel #B0CFFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CFFC; -webkit-box-shadow:4px 4px  
4px 4px #B0CFFC; box-shadow:4px 4px 4px  
4px #B0CFFC }
```

# Background

The CSS property to change the background color of an element to Hex B0CFFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CFFC }
```

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

```
.background{ background-color:#B0CFFC }
```

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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