

# Converting Colors

Hex(B0CFDF)

Have a look what the booklet for  
Hex(B0CFDF) contains.

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# **Color**

**Hex(B0CFDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CFDF
RGB	176, 207, 223
RGB Percent	69%, 81%, 87%
CMY	0.3098, 0.1882, 0.1255
CMYK	0.21, 0.07, 0.00, 0.13
HSL	200°, 42%, 78%
HSV	200°, 21%, 87%
XYZ	53.5366, 59.1835, 78.4139
YIQ	199.5550, -23.6120, -1.5960

# Conversions

## Conversions Part 2

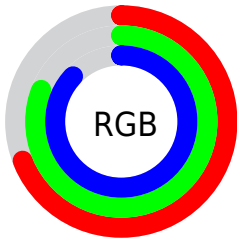
Format	Color
R <sub>Y</sub> B	176, 195, 223
Decimal	11587551
CIE Lab	81.39, -6.87, -11.35
CIE LCh	81, 13.267, 238.831
Yxy	59.1835, 0.2801, 0.3096
Android (android.graphics.Color)	4289777631 (0xFFB0CFDF)
YUV	199.5550, 11.5584, -20.6577
Hunter-Lab	76.9308, -10.4097, -6.5815

# Details

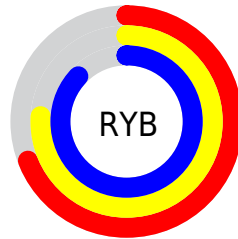
The Hex color **B0CFDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFC0B0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E8FFFF**, and **7B99A8** is the 20% darker color. If you saturate the color by 10%, you get **9AC7DF**, and if you desaturate by 10%, it is **C6D7DF**.

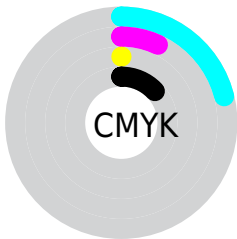
# Distribution



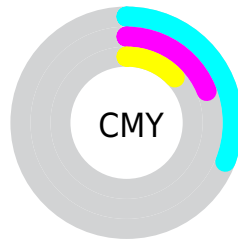
- Red (69%)
- Green (81%)
- Blue (87%)



- Red (69%)
- Yellow (76%)
- Blue (87%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (19%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0CFDF 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 B0CFDF by changing the saturation by 10% instead.



 B0CFDF


 B0CFDF

FFFFFF

 95B3C3

 E8FFFF

 7B99A8

 617F8D

 486674

 304E5B

 193744

 00222E

 000B19

 000000

 B0CFDF

 B0CFDF

 9AC7DF

 C6D7DF

 83C0DF

 DDEDF

 6DB8DF

 F3E6DF

 57B1DF

 FFEDDF

 41A9DF

 FFF5DF

 2AA1DF

 FFFDDF

 149ADF

 FFFFDF

 0093DF

# Harmonies

## Analogous

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



ABD1D6



B0CFDF



BDCBE3

# Triad

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



B0CFDF



E3C2CB



C7CDB4

# Complementary

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



B0CFDF



DFC0B0

# 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.



D5C9B2



B0CFDF



E5C2BF

# Square

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



B0CFDF



DAC4D7



E0C5B5



B9D0BD

# Rectangle

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



B0CFDF



C7C9E2



E0C5B5



CCCCB3



# Sweetspot

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



B0CFDF



F0FAFF



B0DFC0



777C80



000000



808080

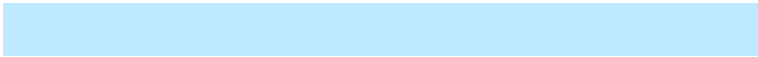


# Same Dimension

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



B0CFDF



BFE9FF



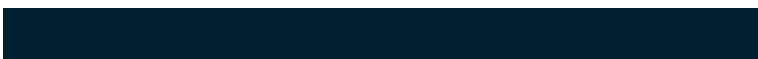
B0B8DF



656C70



0074B0



002030



# Inverse Universe

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



DFB0CF



FFBFE9



DFD7B0



70656C



B00074

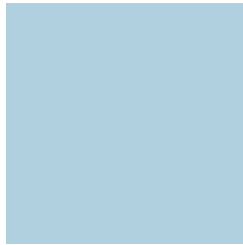


300020



# Previews

## White Background



This preview shows how the Hex color B0CFDF looks on a white background.

## Color Contrast Check

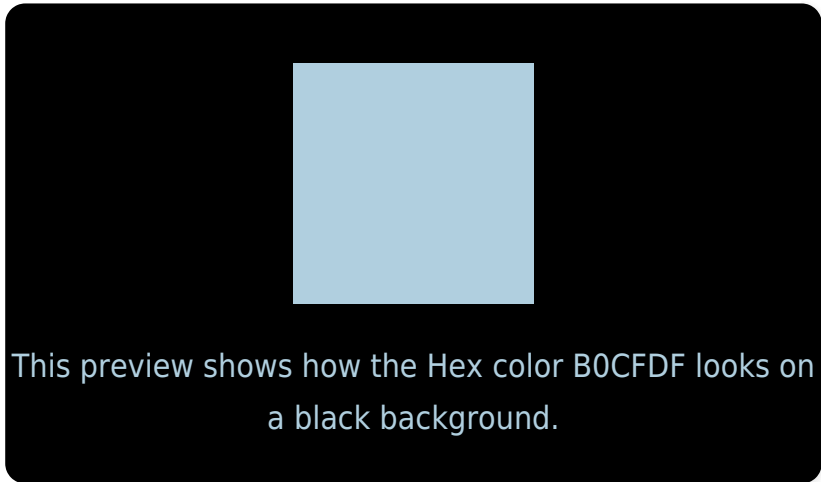
Large Text (above 18pt) WCAG AA × Fail

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

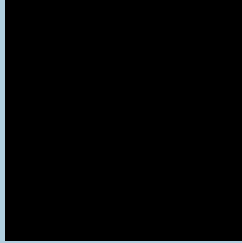
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

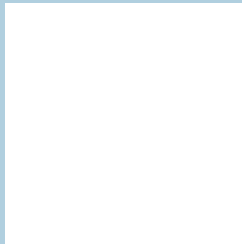
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0CFDF Background



This preview shows how black text looks on a background with the Hex color B0CFDF.

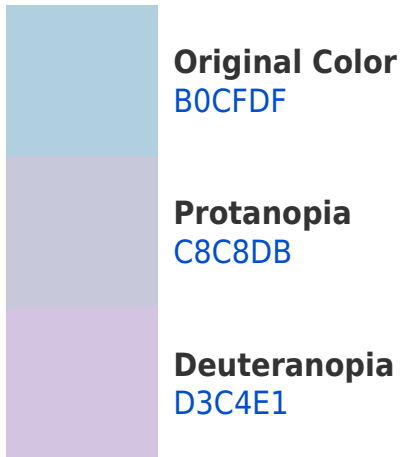


This preview shows how white text looks on a background with the Hex color B0CFDF.

# 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

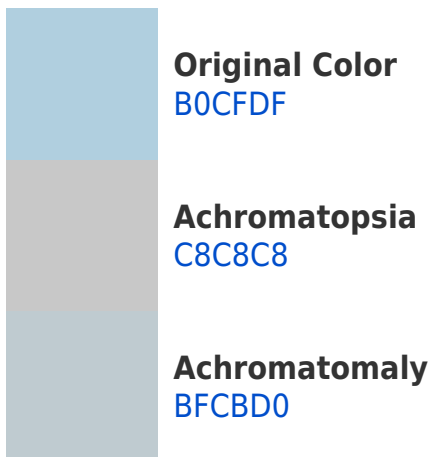




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0CFDF 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 #B0CFDF looks like.

```
.text, #text, p{  
    color:#B0CFDF  
}
```

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 #B0CFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CFDF
}
```

## Border

The CSS property to change the border of an element to Hex B0CFDF 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
#B0CFDF }
```

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

```
.border{ border-color:#B0CFDF }
```

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

Here you see how a box with a 4 pixel #B0CFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CFDF; -webkit-box-shadow:4px 4px  
4px 4px #B0CFDF; box-shadow:4px 4px 4px  
4px #B0CFDF }
```

# Background

The CSS property to change the background color of an element to Hex B0CFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CFDF }
```

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

```
.background{ background-color:#B0CFDF }
```

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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