

# Converting Colors

Hex(B0BCDF)

Have a look what the booklet for  
Hex(B0BCDF) contains.

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# **Color**

**Hex(B0BCDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BCDF
RGB	176, 188, 223
RGB Percent	69%, 74%, 87%
CMY	0.3098, 0.2627, 0.1255
CMYK	0.21, 0.16, 0.00, 0.13
HSL	225°, 42%, 78%
HSV	225°, 21%, 87%
XYZ	49.2070, 50.5243, 76.9707
YIQ	188.4020, -18.3870, 8.3410

# Conversions

## Conversions Part 2

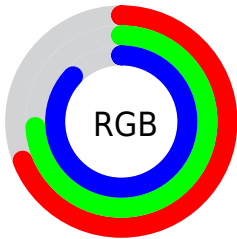
Format	Color
R <sub>Y</sub> B	176, 186, 223
Decimal	11582687
CIE Lab	76.39, 3.25, -18.87
CIE LCh	76, 19.148, 279.771
Yxy	50.5243, 0.2785, 0.2859
Android (android.graphics.Color)	4289772767 (0xFFB0BCDF)
YUV	188.4020, 17.0568, -10.8766
Hunter-Lab	71.0804, -0.8201, -14.4469

# Details

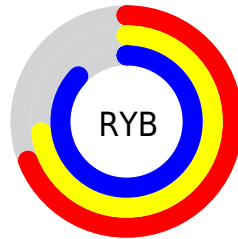
The Hex color **B0BCDF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DFD3B0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E8F4FF**, and **7B87A8** is the 20% darker color. If you saturate the color by 10%, you get **9AABDF**, and if you desaturate by 10%, it is **C6CDDF**.

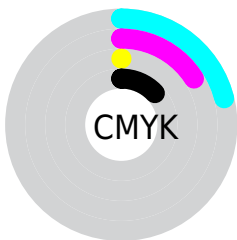
# Distribution



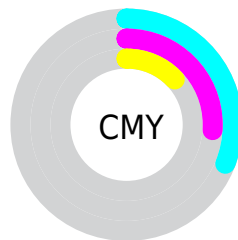
- Red (69%)
- Green (74%)
- Blue (87%)



- Red (69%)
- Yellow (73%)
- Blue (87%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BCDF 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 B0BCDF by changing the saturation by 10% instead.



 B0BCDF

 B0BCDF

FFFFFF


 95A1C3

 E8F4FF

 7B87A8

 616E8D

 495574

 313E5B

 1A2943

 02142D

 000118

 000000

 B0BCDF

 B0BCDF

 9AABDF

 C6CDDF

 839BDF

 DDDDDF

 6D8ADF

 F3EEDF

 577ADF

 FFFEDF

 4169DF

 FFFFDF

 2A58DF

 1448DF

 0039DF

# Harmonies

## Analogous

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



9AC2DD



B0BCDF



C7B6D8

# Triad

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



B0BCDF



E0B2A7



9DC6B0

# Complementary

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



B0BCDF



DFD3B0

# 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.



B0C2A1



B0BCDF



D5B79C

# Square

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



B0BCDF



E1B0B7



C4BD9A



90C7C2

# Rectangle

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



B0BCDF



D3B3CF



C4BD9A



A3C5AA



# Sweetspot

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



B0BCDF



F0F4FF



B0DFD2



777980



000000



808080



# Same Dimension

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



B0BCDF



BFD0FF



BBB0DF



656870



002DB0



000C30



# Inverse Universe

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



DFB0BC



FFBFD0



D4DFB0



706568



B0002D

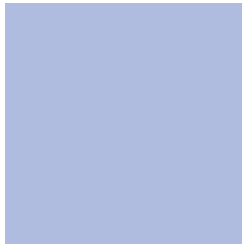


30000C



# Previews

## White Background



This preview shows how the Hex color B0BCDF looks on a white background.

## Color Contrast Check

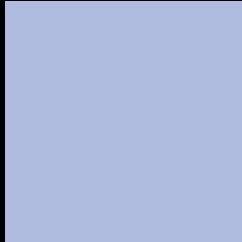
Large Text (above 18pt) WCAG AA × Fail

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 B0BCDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

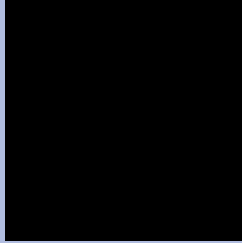
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0BCDF Background



This preview shows how black text looks on a background with the Hex color B0BCDF.



This preview shows how white text looks on a background with the Hex color B0BCDF.

# 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



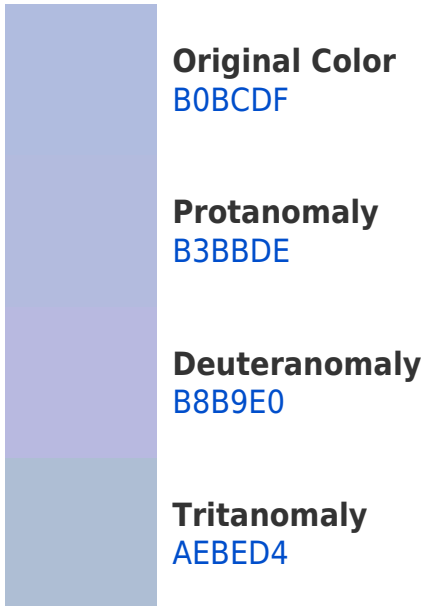
**Original Color**  
B0BCDF

**Protanopia**  
B5BBDE

**Deuteranopia**  
BDB8E0



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BCDF 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 #B0BCDF looks like.

```
.text, #text, p{  
    color:#B0BCDF  
}
```

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 #B0BCDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BCDF
}
```

## Border

The CSS property to change the border of an element to Hex B0BCDF 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
#B0BCDF }
```

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

```
.border{ border-color:#B0BCDF }
```

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

Here you see how a box with a 4 pixel #B0BCDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BCDF; -webkit-box-shadow:4px 4px  
4px 4px #B0BCDF; box-shadow:4px 4px 4px  
4px #B0BCDF }
```

# Background

The CSS property to change the background color of an element to Hex B0BCDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BCDF }
```

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

```
.background{ background-color:#B0BCDF }
```

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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