

# Converting Colors

Hex(B5CFDF)

Have a look what the booklet for  
Hex(B5CFDF) contains.

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# **Color**

**Hex(B5CFDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CFDF
RGB	181, 207, 223
RGB Percent	71%, 81%, 87%
CMY	0.2902, 0.1882, 0.1255
CMYK	0.19, 0.07, 0.00, 0.13
HSL	203°, 40%, 79%
HSV	203°, 19%, 87%
XYZ	54.6882, 59.7771, 78.4678
YIQ	201.0500, -20.6320, -0.5360

# Conversions

## Conversions Part 2

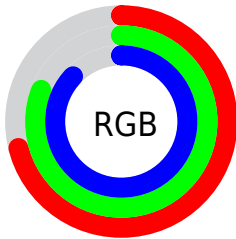
Format	Color
<a href="#">RYB</a>	<a href="#">181, 197, 223</a>
Decimal	<a href="#">11915231</a>
CIELab	<a href="#">81.72, -5.33, -10.83</a>
CIElCh	<a href="#">82, 12.072, 243.821</a>
Yxy	<a href="#">59.7771, 0.2835, 0.3098</a>
Android (android.graphics.Color)	<a href="#">4290105311 (0xFFB5CFDF)</a>
YUV	<a href="#">201.0500, 10.8214, -17.5838</a>
Hunter-Lab	<a href="#">77.3157, -9.0429, -6.0526</a>

# Details

The Hex color **B5CFDF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFC5B5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EDFFFF**, and **8099A8** is the 20% darker color. If you saturate the color by 10%, you get **9FC7DF**, and if you desaturate by 10%, it is **CBD7DF**.

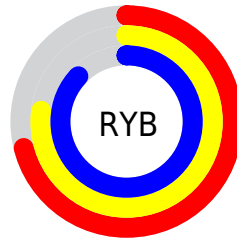
# Distribution



Red (71%)

Green (81%)

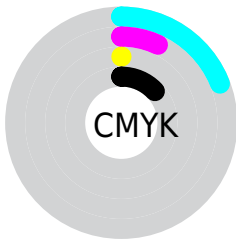
Blue (87%)



Red (71%)

Yellow (77%)

Blue (87%)

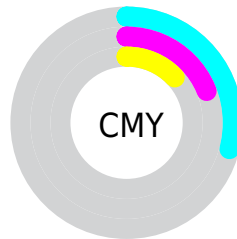


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (19%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5CFDF 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 B5CFDF by changing the saturation by 10% instead.



 B5CFDF

 B5CFDF

FFFFFF

 9AB3C3

 EDFFFF

 8099A8

 667F8D

 4D6674

 364E5B

 1E3744

 07222E

 000B19

 000000

 B5CFDF

 B5CFDF

 9FC7DF

 CBD7DF

 88BEDF

 E2E0DF

 72B6DF

 F8E8DF

 5CADDf

 FFF1DF

 46A5DF

 FFF9DF

 2F9CDF

 FFFFDF

 1994DF

 038BDF

 008ADF

# Harmonies

## Analogous

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



AFD1D7



B5CFDF



C1CCE1

# Triad

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



B5CFDF



E3C3CA



C6CEB8

# Complementary

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



B5CFDF



DFC5B5

# 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.



D3CBB5



B5CFDF



E3C4BF

# Square

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



B5CFDF



DBC5D5



DEC7B7



BAD1C1

# Rectangle

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



B5CFDF



CBC9E0



DEC7B7



CBCDB6

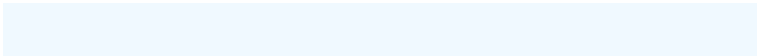


# Sweetspot

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



B5CFDF



F0F9FF



B5DFC4



777C80



000000



808080

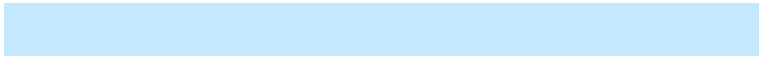


# Same Dimension

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



B5CFDF



C4E9FF



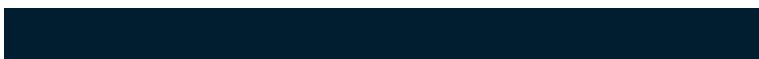
B5BBDF



656C70



006DB0



001E30



# Inverse Universe

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



DFB5CF



FFC4E9



DFD9B5



70656C



B0006D

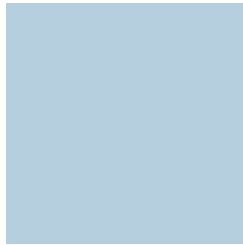


30001E



# Previews

## White Background



This preview shows how the Hex color B5CFDF looks on a white background.

## Color Contrast Check

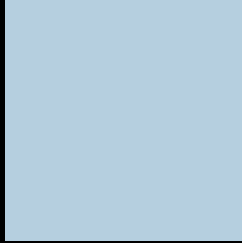
Large Text (above 18pt) WCAG AA × Fail

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 B5CFDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

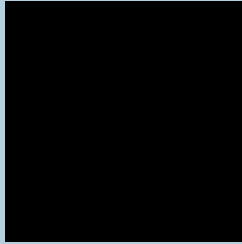
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

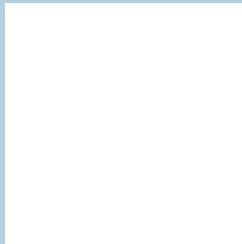
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5CFDF Background



This preview shows how black text looks on a background with the Hex color B5CFDF.

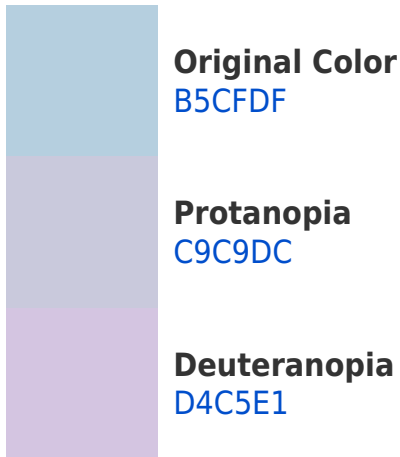


This preview shows how white text looks on a background with the Hex color B5CFDF.

# 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](#).

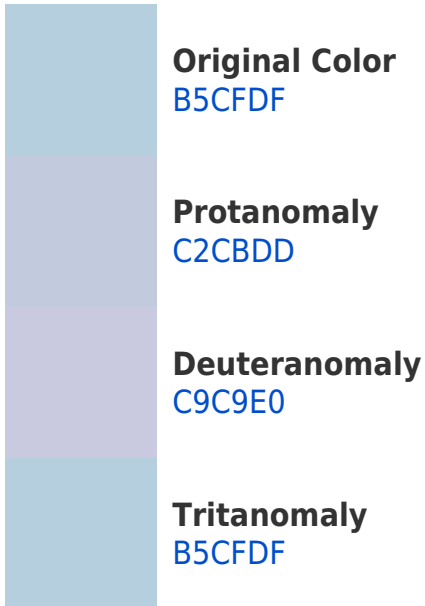
## Dichromacy



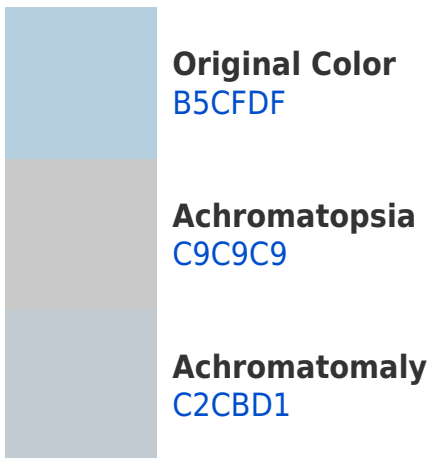


**Tritanopia**  
B5CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5CFDF 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 #B5CFDF looks like.

```
.text, #text, p{  
    color:#B5CFDF  
}
```

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 #B5CFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CFDF
}
```

## Border

The CSS property to change the border of an element to Hex B5CFDF 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
#B5CFDF }
```

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

```
.border{ border-color:#B5CFDF }
```

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

Here you see how a box with a 4 pixel #B5CFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CFDF; -webkit-box-shadow:4px 4px  
4px 4px #B5CFDF; box-shadow:4px 4px 4px  
4px #B5CFDF }
```

# Background

The CSS property to change the background color of an element to Hex B5CFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CFDF }
```

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

```
.background{ background-color:#B5CFDF }
```

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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