

# Converting Colors

Hex(5BB6CF)

Have a look what the booklet for  
Hex(5BB6CF) contains.

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# **Color**

**Hex(5BB6CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB6CF
RGB	91, 182, 207
RGB Percent	36%, 71%, 81%
CMY	0.6431, 0.2863, 0.1882
CMYK	0.56, 0.12, 0.00, 0.19
HSL	193°, 55%, 58%
HSV	193°, 56%, 81%
XYZ	32.3048, 40.1850, 65.0853
YIQ	157.6410, -62.2610, -11.5170

# Conversions

## Conversions Part 2

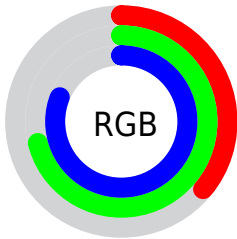
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 142, 207
Decimal	6010575
CIELab	69.60, -20.03, -20.89
CIELCh	70, 28.942, 226.195
Yxy	40.1850, 0.2348, 0.2921
Android (android.graphics.Color)	4284200655 (0xFF5BB6CF)
YUV	157.6410, 24.3340, -58.4442
Hunter-Lab	63.3917, -19.9706, -16.4999

# Details

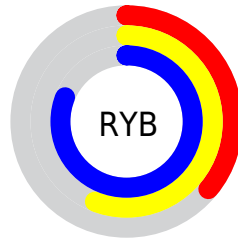
The Hex color **5BB6CF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CF745B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **96EEFF**, and **118199** is the 20% darker color. If you saturate the color by 10%, you get **46B2CF**, and if you desaturate by 10%, it is **70BACF**.

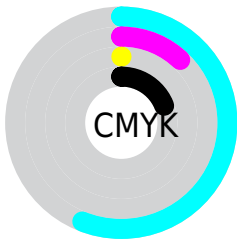
# Distribution



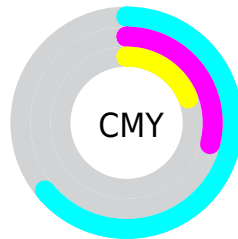
- Red (36%)
- Green (71%)
- Blue (81%)



- Red (36%)
- Yellow (56%)
- Blue (81%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (29%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BB6CF 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 5BB6CF by changing the saturation by 10% instead.



 5BB6CF

 5BB6CF


FFFFFF

 3C9BB3

 96EEFF

 118199

 B3FFFF

 00687F

 D0FFFF

 004F66

 EEEFFF

 00384E

 002337

 000222

 000007

 000000

■ 5BB6CF

■ 5BB6CF

■ 46B2CF

■ 70BACF

■ 32ADCF

■ 84BFCF

■ 1DA9CF

■ 99C3CF

■ 08A4CF

■ AEC8CF

■ 00A2CF

■ C3CCCF

■ D7D1CF

■ ECD5CF

■ FFDACF

■ FFDECF

# Harmonies

## Analogous

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



5BB9B8



5BB6CF



77B0DC

# Triad

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



5BB6CF



D698B7



AEAD77

# Complementary

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



5BB6CF



CF745B

# 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.



C8A477



5BB6CF



DF979D

# Square

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



5BB6CF



BF9ECF



D99C85



90B485

# Rectangle

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



5BB6CF



90ABDE



D99C85



B7AA76

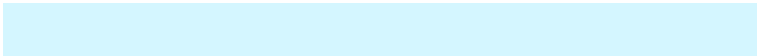


# Sweetspot

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



5BB6CF



D4F6FF



5BCF72



667A80



000000



808080



# Same Dimension

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



5BB6CF



54DAFF



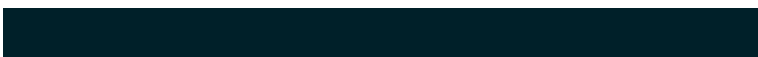
5B7ECF



5E6669



0084A8



002029



# Inverse Universe

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



CF5BB6



FF54DA



CFAC5B



695E66



A80084

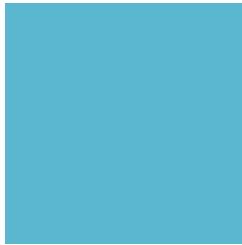


290020



# Previews

## White Background



This preview shows how the Hex color 5BB6CF looks on a white background.

## Color Contrast Check

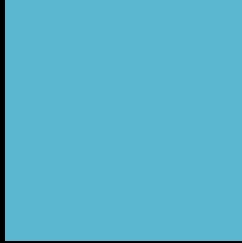
Large Text (above 18pt) WCAG AA × Fail

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 5BB6CF 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 5BB6CF Background



This preview shows how black text looks on a background with the Hex color 5BB6CF.

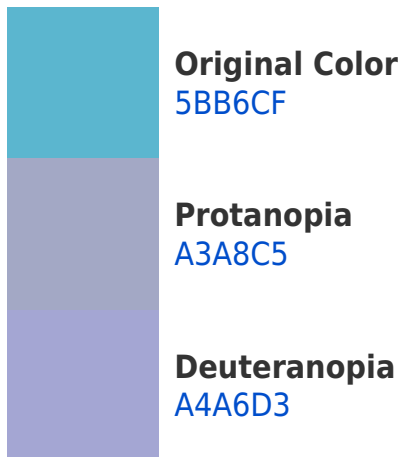


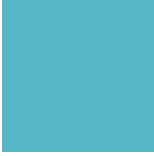
This preview shows how white text looks on a background with the Hex color 5BB6CF.

# 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](#).

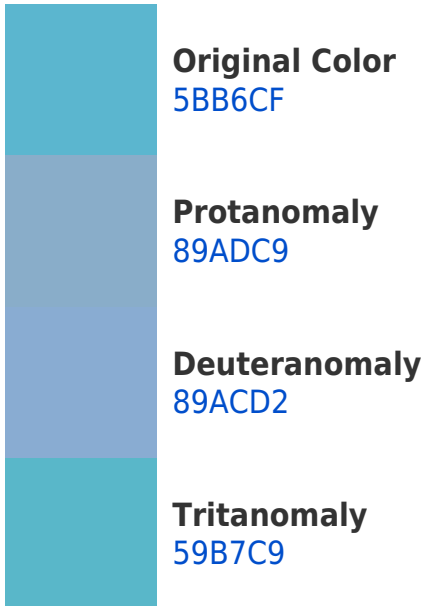
## Dichromacy





**Tritanopia**  
58B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BB6CF 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 #5BB6CF looks like.

```
.text, #text, p{  
    color:#5BB6CF  
}
```

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 #5BB6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB6CF
}
```

## Border

The CSS property to change the border of an element to Hex 5BB6CF 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
#5BB6CF }
```

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

```
.border{ border-color:#5BB6CF }
```

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

Here you see how a box with a 4 pixel #5BB6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB6CF; -webkit-box-shadow:4px 4px  
4px 4px #5BB6CF; box-shadow:4px 4px 4px  
4px #5BB6CF }
```

# Background

The CSS property to change the background color of an element to Hex 5BB6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB6CF }
```

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

```
.background{ background-color:#5BB6CF }
```

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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