

Converting Colors

Hex(5B8CC3)

Have a look what the booklet for
Hex(5B8CC3) contains.

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Color

Hex(5B8CC3)

Conversions

Conversions Part 1

Format	Color
Hex	5B8CC3
RGB	91, 140, 195
RGB Percent	36%, 55%, 76%
CMY	0.6431, 0.4510, 0.2353
CMYK	0.53, 0.28, 0.00, 0.24
HSL	212°, 46%, 56%
HSV	212°, 53%, 76%
XYZ	23.5428, 24.9204, 55.1990
YIQ	131.6190, -46.8590, 6.7170

Conversions

Conversions Part 2

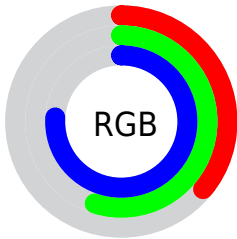
Format	Color
R_{YB}	91, 124, 195
Decimal	5999811
CIE _{Lab}	57.00, -0.64, -33.61
CIE _{LCh}	57, 33.621, 268.916
Yxy	24.9204, 0.2271, 0.2404
Android (android.graphics.Color)	4284189891 (0xFF5B8CC3)
YUV	131.6190, 31.2468, -35.6229
Hunter-Lab	49.9204, -3.1788, -30.6152

Details

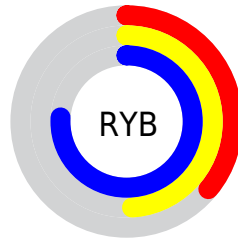
The Hex color **5B8CC3** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C3925B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **93C1FC**, and **1D5A8D** is the 20% darker color. If you saturate the color by 10%, you get **4882C3**, and if you desaturate by 10%, it is **6E96C3**.

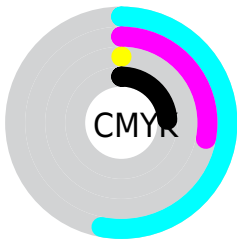
Distribution



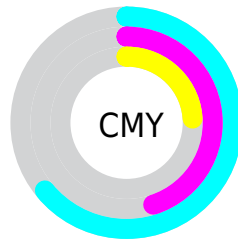
- Red (36%)
- Green (55%)
- Blue (76%)



- Red (36%)
- Yellow (49%)
- Blue (76%)



- Cyan (53%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8CC3 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 5B8CC3 by changing the saturation by 10% instead.

■ 5B8CC3

■ 5B8CC3

FFFFFF

■ 3E73A8

■ 93C1FC

■ 1D5A8D

■ B0DDFF

■ 004373

■ CCFAFF

■ 002D5A

■ EAFFFF

■ 001943

■ 00032C

■ 000116

■ 000000

■ 5B8CC3

■ 5B8CC3

■ 4882C3

■ 6E96C3

■ 3477C3

■ 82A1C3

■ 206DC3

■ 95ABC3

■ 0D63C3

■ A9B5C3

■ 005CC3

■ BCC0C3

■ D0CAC3

■ E3D4C3

■ F7DFC3

■ FFE9C3

Harmonies

Analogous

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



1E94BA



5B8CC3



8A82BC

Triad

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



5B8CC3



C1746E



5B956A

Complementary

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



5B8CC3



C3925B

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.



7F9054



5B8CC3



B47C57

Square

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



5B8CC3



BF728B



9D874E



319887

Rectangle

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



5B8CC3



A37AB0



9D874E



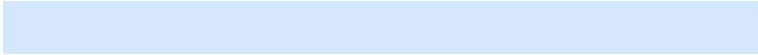
689461

Sweetspot

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



5B8CC3



D4E7FC



5BC391



677380



000000



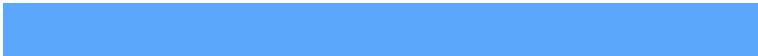
808080

Same Dimension

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



5B8CC3



5BA7FC



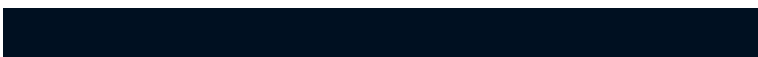
5D5BC3



575C61



004CA1



001021

Inverse Universe

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



C35B8C



FC5BA7



C1C35B



61575C



A1004C



210010

Previews

White Background



This preview shows how the Hex color 5B8CC3 looks on a white background.

Color Contrast Check

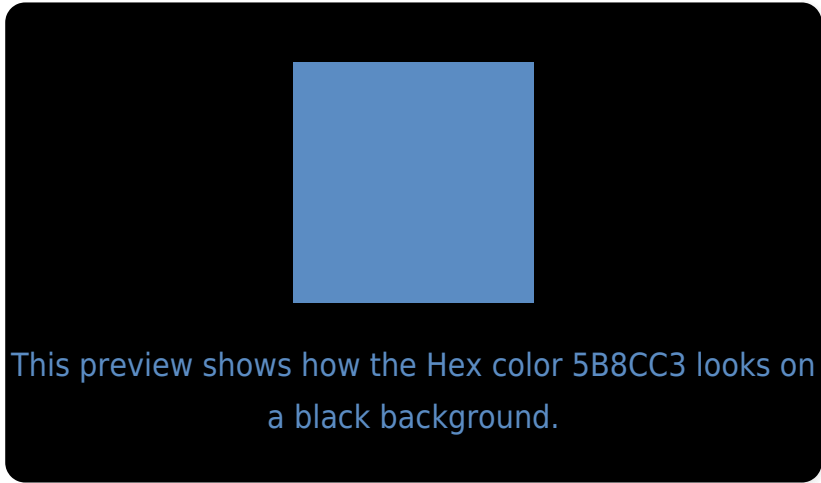
Large Text (above 18pt) WCAG AA ✓ Pass

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

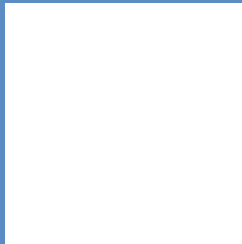
Any Text WCAG AAA × Fail

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

Hex 5B8CC3 Background



This preview shows how black text looks on a background with the Hex color 5B8CC3.

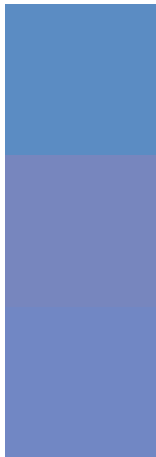


This preview shows how white text looks on a background with the Hex color 5B8CC3.

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](#).

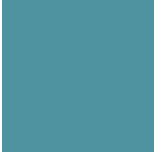
Dichromacy



Original Color
5B8CC3

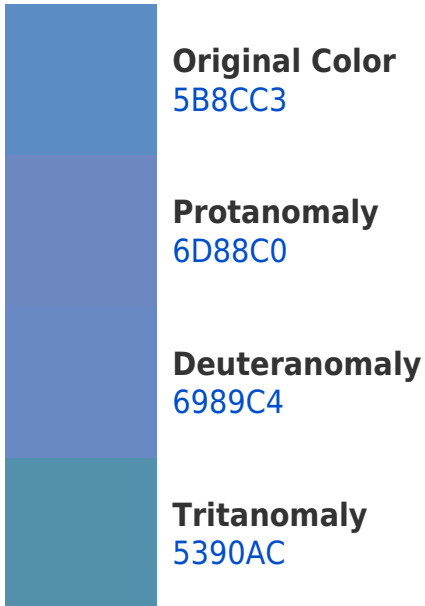
Protanopia
7786BE

Deuteranopia
7187C4

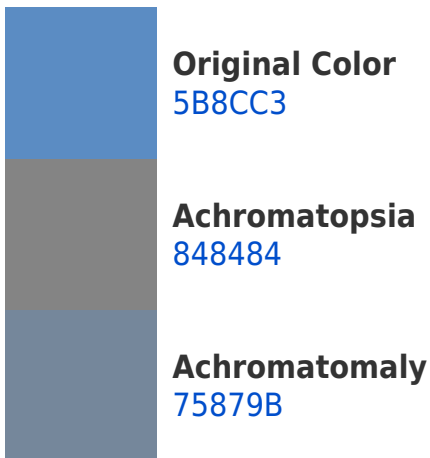


Tritanopia
4E939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8CC3 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 #5B8CC3 looks like.

```
.text, #text, p{  
    color:#5B8CC3  
}
```

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 #5B8CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8CC3
}
```

Border

The CSS property to change the border of an element to Hex 5B8CC3 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
#5B8CC3 }
```

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

```
.border{ border-color:#5B8CC3 }
```

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

Here you see how a box with a 4 pixel #5B8CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8CC3; -webkit-box-shadow:4px 4px  
4px 4px #5B8CC3; box-shadow:4px 4px 4px  
4px #5B8CC3 }
```

Background

The CSS property to change the background color of an element to Hex 5B8CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8CC3 }
```

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

```
.background{ background-color:#5B8CC3 }
```

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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