

Converting Colors

Hex(5C9BD0)

Have a look what the booklet for
Hex(5C9BD0) contains.

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Color

Hex(5C9BD0)

Conversions

Conversions Part 1

Format	Color
Hex	5C9BD0
RGB	92, 155, 208
RGB Percent	36%, 61%, 82%
CMY	0.6392, 0.3922, 0.1843
CMYK	0.56, 0.25, 0.00, 0.18
HSL	207°, 55%, 59%
HSV	207°, 56%, 82%
XYZ	27.5201, 30.2721, 64.0671
YIQ	142.2050, -54.5610, 3.1270

Conversions

Conversions Part 2

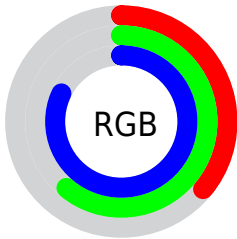
Format	Color
R _Y B	92, 133, 208
Decimal	6069200
CIE Lab	61.89, -4.94, -33.30
CIE LCh	62, 33.668, 261.556
Yxy	30.2721, 0.2258, 0.2484
Android (android.graphics.Color)	4284259280 (0xFF5C9BD0)
YUV	142.2050, 32.4369, -44.0298
Hunter-Lab	55.0201, -7.0023, -30.5252

Details

The Hex color **5C9BD0** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D0915C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96D1FF**, and **186899** is the 20% darker color. If you saturate the color by 10%, you get **4791D0**, and if you desaturate by 10%, it is **71A5D0**.

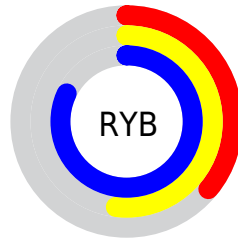
Distribution



Red (36%)

Green (61%)

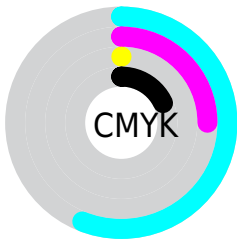
Blue (82%)



Red (36%)

Yellow (52%)

Blue (82%)

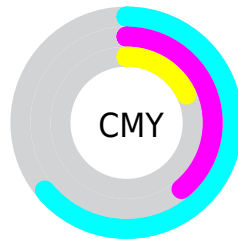


Cyan (56%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (64%)

Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9BD0 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 5C9BD0 by changing the saturation by 10% instead.

■ 5C9BD0

■ 5C9BD0

FFFFFF

■ 3E81B4

■ 96D1FF

■ 186899

■ B2EEFF

■ 00507F

■ D0FFFF

■ 003966

■ EDFFFF

■ 00244E

■ 000F37

■ 000221

■ 000005

■ 000000

■ 5C9BD0

■ 5C9BD0

■ 4791D0

■ 71A5D0

■ 3288D0

■ 86AED0

■ 1E7ED0

■ 9AB8D0

■ 0975D0

■ AFC1D0

■ 0071D0

■ C4CBD0

■ D9D4D0

■ EEDED0

■ FFE7D0

■ FFF1D0

Harmonies

Analogous

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



29A2C3



5C9BD0



8D91CD

Triad

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



5C9BD0



D07F81



71A16F

Complementary

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



5C9BD0



D0915C

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.



939A5D



5C9BD0



C68768

Square

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



5C9BD0



CA7F9F



B1915A



4AA58C

Rectangle

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



5C9BD0



A88AC2



B1915A



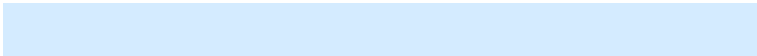
7D9F68

Sweetspot

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



5C9BD0



D4EBFF



5CD090



667480



000000



808080

Same Dimension

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



5C9BD0



54B1FF



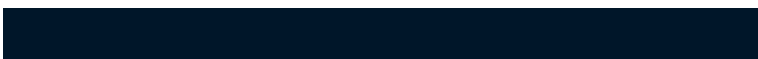
5C62D0



5E6469



005BA8



001629

Inverse Universe

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



D05C9B



FF54B1



D0CA5C



695E64



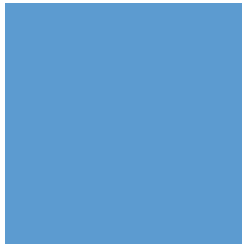
A8005B



290016

Previews

White Background



This preview shows how the Hex color 5C9BD0 looks on a white background.

Color Contrast Check

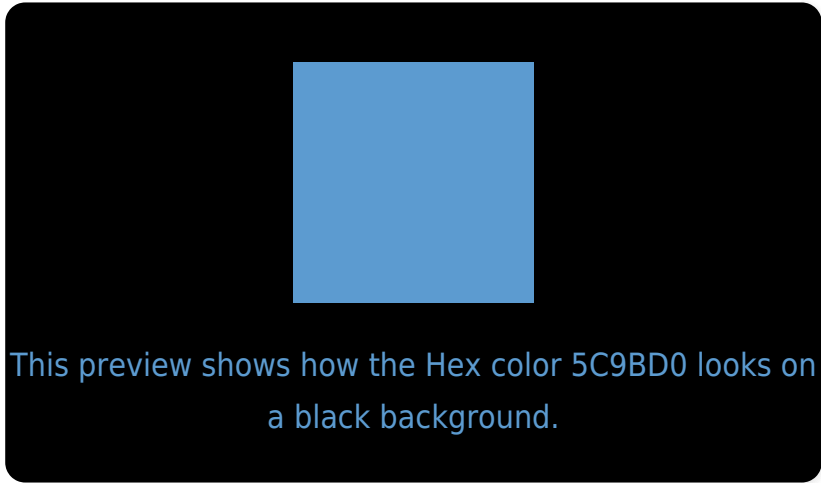
Large Text (above 18pt) WCAG AA × Fail

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

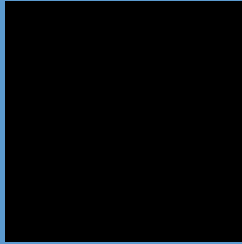
Any Text WCAG AA ✓ Pass

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 5C9BD0 Background



This preview shows how black text looks on a background with the Hex color 5C9BD0.

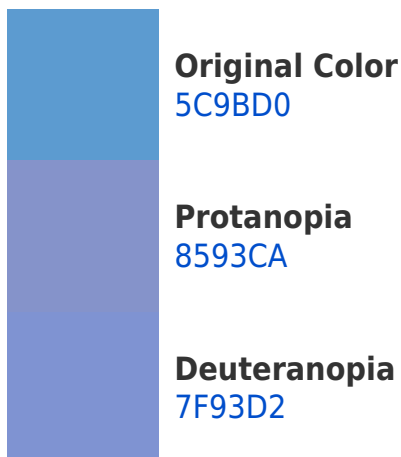


This preview shows how white text looks on a background with the Hex color 5C9BD0.

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](#).

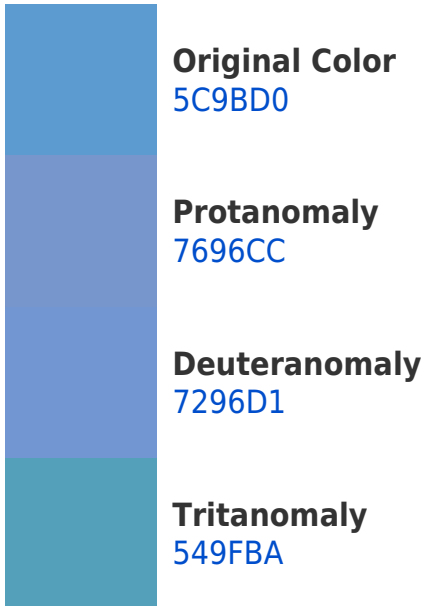
Dichromacy



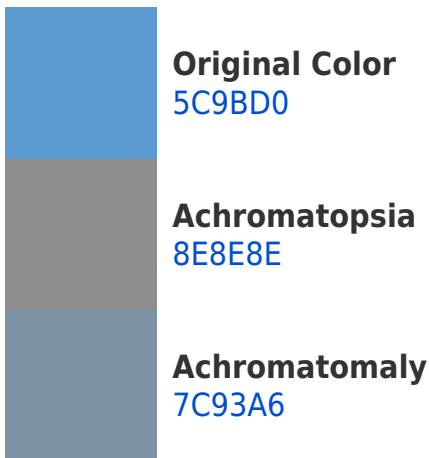


Tritanopia
4FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9BD0 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 #5C9BD0 looks like.

```
.text, #text, p{  
    color:#5C9BD0  
}
```

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 #5C9BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9BD0
}
```

Border

The CSS property to change the border of an element to Hex 5C9BD0 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
#5C9BD0 }
```

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

```
.border{ border-color:#5C9BD0 }
```

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

Here you see how a box with a 4 pixel #5C9BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9BD0; -webkit-box-shadow:4px 4px  
4px 4px #5C9BD0; box-shadow:4px 4px 4px  
4px #5C9BD0 }
```

Background

The CSS property to change the background color of an element to Hex 5C9BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9BD0 }
```

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

```
.background{ background-color:#5C9BD0 }
```

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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