

# Converting Colors

Hex(5C80D6)

Have a look what the booklet for  
Hex(5C80D6) contains.

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# Color

**Hex(5C80D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C80D6
RGB	92, 128, 214
RGB Percent	36%, 50%, 84%
CMY	0.6392, 0.4980, 0.1608
CMYK	0.57, 0.40, 0.00, 0.16
HSL	222°, 60%, 60%
HSV	222°, 57%, 84%
XYZ	24.2704, 22.5687, 66.6953
YIQ	127.0400, -49.0620, 19.1140

# Conversions

## Conversions Part 2

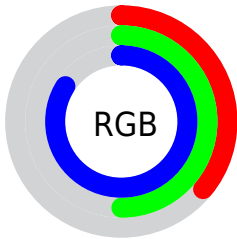
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 120, 214
Decimal	6062294
CIE <sub>Lab</sub>	54.63, 12.79, -48.09
CIE <sub>LCh</sub>	55, 49.759, 284.898
Yxy	22.5687, 0.2138, 0.1988
Android (android.graphics.Color)	4284252374 (0xFF5C80D6)
YUV	127.0400, 42.8713, -30.7301
Hunter-Lab	47.5065, 8.0567, -49.9838

# Details

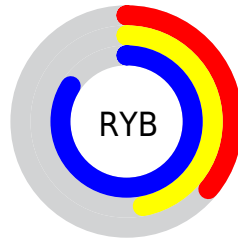
The Hex color **5C80D6** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D6B25C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **96B4FF**, and **154F9F** is the 20% darker color. If you saturate the color by 10%, you get **4771D6**, and if you desaturate by 10%, it is **718FD6**.

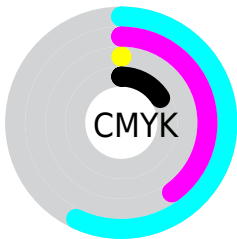
# Distribution



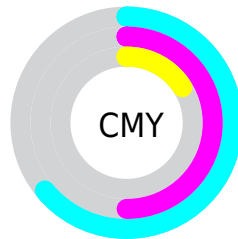
- Red (36%)
- Green (50%)
- Blue (84%)



- Red (36%)
- Yellow (47%)
- Blue (84%)



- Cyan (57%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (50%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C80D6 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 5C80D6 by changing the saturation by 10% instead.



 5C80D6

 5C80D6

FFFFFF

 3D67BA

 96B4FF

 154F9F

 B3D0FF

 003984

 D1ECFF

 00246A

 EEEFFF

 001052

 00053A

 000223

 00000B

 000000

■ 5C80D6

■ 5C80D6

■ 4771D6

■ 718FD6

■ 3162D6

■ 879ED6

■ 1C53D6

■ 9CADD6

■ 0644D6

■ B2BCD6

■ 003FD6

■ C7CBD6

■ DCDBD6

■ F2EAD6

■ FFF9D6

■ FFFFD6

# Harmonies

## Analogous

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



008ED5



5C80D6



A16EC0

# Triad

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



5C80D6



C86848



00966B

# Complementary

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



5C80D6



D6B25C

# 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.



559143



5C80D6



AC792C

# Square

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



5C80D6



D25C6F



868729



009897

# Rectangle

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



5C80D6



BD63A8



868729



1F955C



# Sweetspot

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



5C80D6



D4E0FF



5CD6B1



666E80



000000



808080



# Same Dimension

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



5C80D6



5285FF



745CD6



60646B



0032AB



000D2B



# Inverse Universe

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



D65C80



FF5285



BED65C



6B6064



AB0032

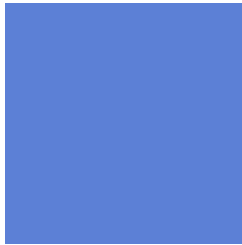


2B000D



# Previews

## White Background



This preview shows how the Hex color 5C80D6 looks on a white background.

## Color Contrast Check

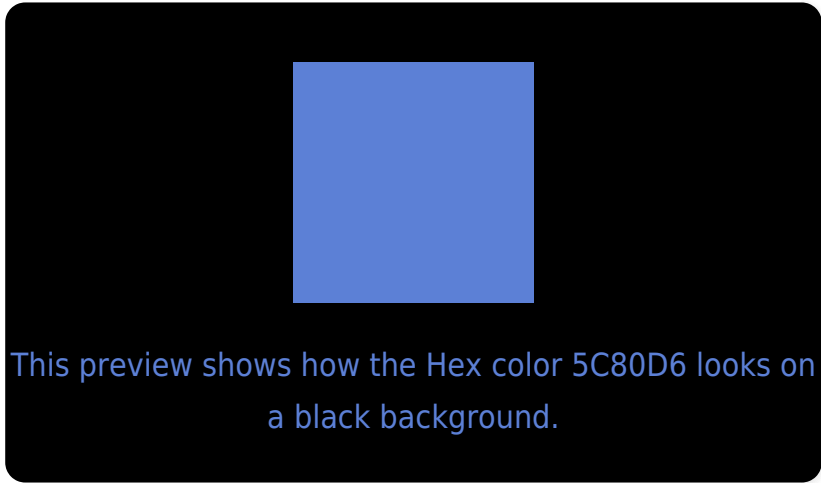
Large Text (above 18pt) WCAG AA ✓ Pass

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

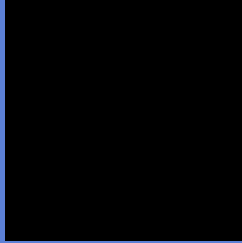
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C80D6 Background



This preview shows how black text looks on a background with the Hex color 5C80D6.

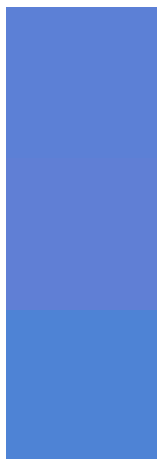


This preview shows how white text looks on a background with the Hex color 5C80D6.

# 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**  
5C80D6

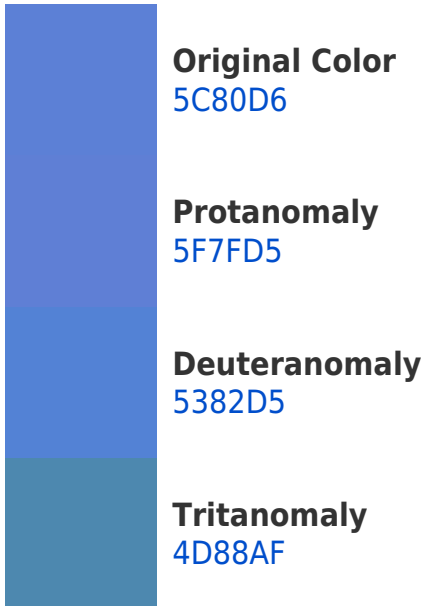
**Protanopia**  
607FD5

**Deuteranopia**  
4E83D5

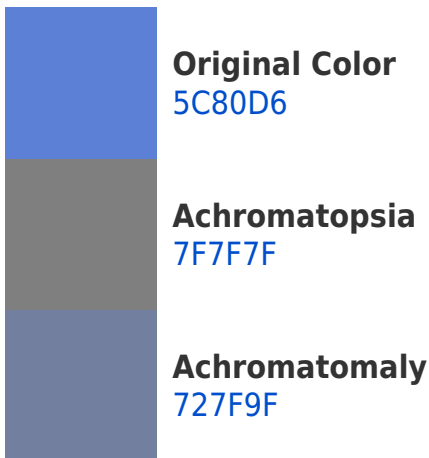


**Tritanopia**  
448D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C80D6 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 #5C80D6 looks like.

```
.text, #text, p{  
    color:#5C80D6  
}
```

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 #5C80D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C80D6
}
```

## Border

The CSS property to change the border of an element to Hex 5C80D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

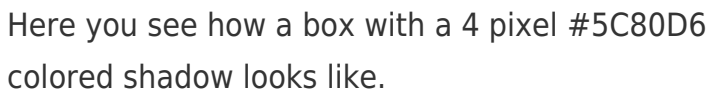
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C80D6 }
```

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

```
.border{ border-color:#5C80D6 }
```

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



Here you see how a box with a 4 pixel #5C80D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C80D6; -webkit-box-shadow:4px 4px  
4px 4px #5C80D6; box-shadow:4px 4px 4px  
4px #5C80D6 }
```

# Background

The CSS property to change the background color of an element to Hex 5C80D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C80D6 }
```

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

```
.background{ background-color:#5C80D6 }
```

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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