

# Converting Colors

Hex(5C72B2)

Have a look what the booklet for  
Hex(5C72B2) contains.

<b>Hex(5C72B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5C72B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C72B2
RGB	92, 114, 178
RGB Percent	36%, 45%, 70%
CMY	0.6392, 0.5529, 0.3020
CMYK	0.48, 0.36, 0.00, 0.30
HSL	225°, 36%, 53%
HSV	225°, 48%, 70%
XYZ	18.4668, 17.5243, 44.5287
YIQ	114.7180, -33.6560, 15.2400

# Conversions

## Conversions Part 2

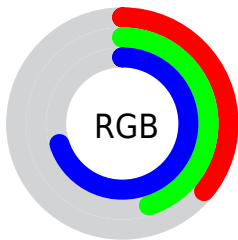
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 110, 178
Decimal	6058674
CIE Lab	48.91, 9.79, -36.53
CIE LCh	49, 37.822, 285.004
Yxy	17.5243, 0.2293, 0.2176
Android (android.graphics.Color)	4284248754 (0xFF5C72B2)
YUV	114.7180, 31.1980, -19.9237
Hunter-Lab	41.8620, 5.4842, -33.7634

# Details

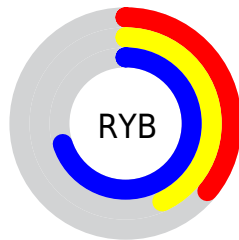
The Hex color **5C72B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29C5C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92A6EA**, and **24427D** is the 20% darker color. If you saturate the color by 10%, you get **4A65B2**, and if you desaturate by 10%, it is **6E7FB2**.

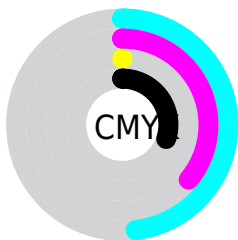
# Distribution



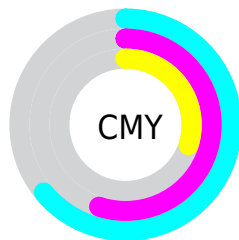
- Red (36%)
- Green (45%)
- Blue (70%)



- Red (36%)
- Yellow (43%)
- Blue (70%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (55%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C72B2 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 5C72B2 by changing the saturation by 10% instead.



■ 5C72B2

■ 5C72B2

FFFFFF

■ 415A97

■ 92A6EA

■ 24427D

■ AEC1FF

■ 002D64

■ CBDCFF

■ 00194B

■ E8F9FF

■ 000134

■ 00021E

■ 000000

■ 5C72B2

■ 5C72B2

■ 4A65B2

■ 6E7FB2

■ 3858B2

■ 808CB2

■ 274AB2

■ 919AB2

■ 153DB2

■ A3A7B2

■ 0330B2

■ B5B4B2

■ 002EB2

■ C7C1B2

■ D9CFB2

■ EADCB2

■ FCE9B2

# Harmonies

## Analogous

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



007CB2



5C72B2



8B66A2

# Triad

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



5C72B2



A96148



1E8363

# Complementary

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



5C72B2



B29C5C

# 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.



547F45



5C72B2



956D35

# Square

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



5C72B2



B15A65



787734



008584

# Rectangle

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



5C72B2



A05E90



787734



358258



# Sweetspot

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



5C72B2



C8D0E8



5CB29B



616675



F5F5F5



757575



# Same Dimension

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



5C72B2



6184E8



705CB2



505359



002799



00071A



# Inverse Universe

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



B25C72



E86184



9EB25C



595053



990027

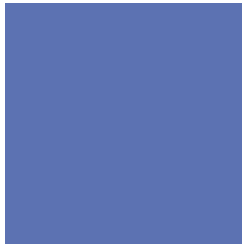


1A0007



# Previews

## White Background



This preview shows how the Hex color 5C72B2 looks on a white background.

## Color Contrast Check

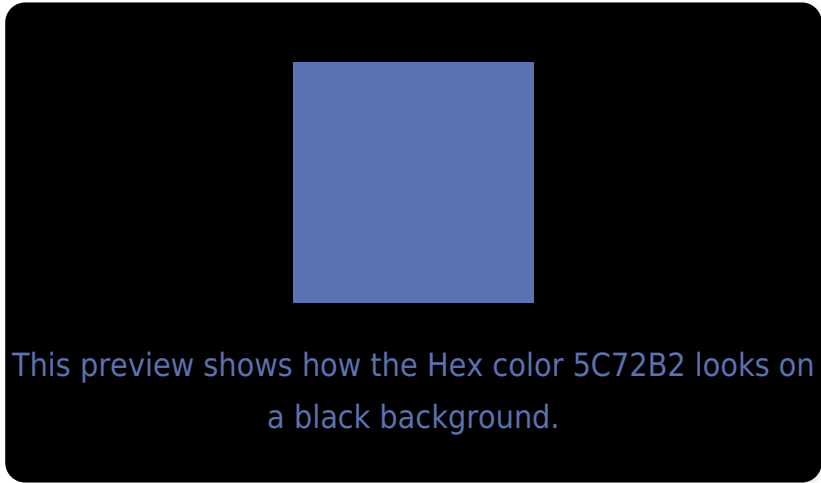
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

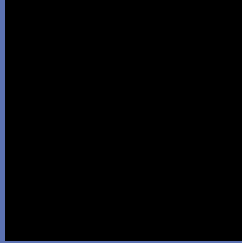
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

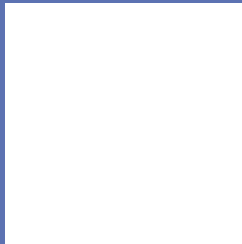
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C72B2 Background



This preview shows how black text looks on a background with the Hex color 5C72B2.

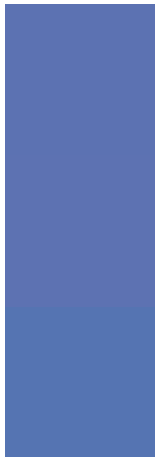


This preview shows how white text looks on a background with the Hex color 5C72B2.

# 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**  
5C72B2

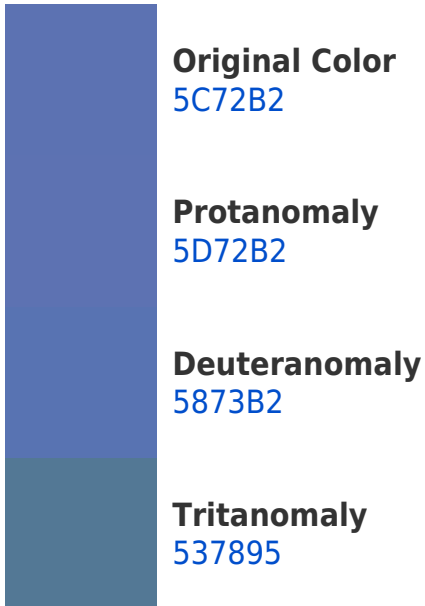
**Protanopia**  
5D72B2

**Deuteranopia**  
5574B2

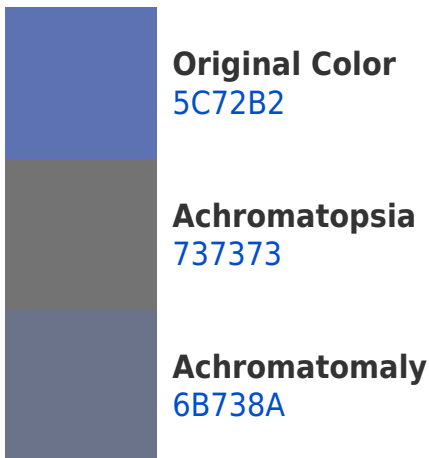


**Tritanopia**  
4E7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C72B2 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 #5C72B2 looks like.

```
.text, #text, p{  
    color:#5C72B2  
}
```

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 #5C72B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C72B2
}
```

## Border

The CSS property to change the border of an element to Hex 5C72B2 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
#5C72B2 }
```

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

```
.border{ border-color:#5C72B2 }
```

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

Here you see how a box with a 4 pixel #5C72B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C72B2; -webkit-box-shadow:4px 4px  
4px 4px #5C72B2; box-shadow:4px 4px 4px  
4px #5C72B2 }
```

# Background

The CSS property to change the background color of an element to Hex 5C72B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C72B2 }
```

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

```
.background{ background-color:#5C72B2 }
```

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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