

# Converting Colors

Hex(5C73C6)

Have a look what the booklet for  
Hex(5C73C6) contains.

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# Color

Hex(5C73C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C73C6
RGB	92, 115, 198
RGB Percent	36%, 45%, 78%
CMY	0.6392, 0.5490, 0.2235
CMYK	0.54, 0.42, 0.00, 0.22
HSL	227°, 48%, 57%
HSV	227°, 54%, 78%
XYZ	20.7374, 18.6140, 55.9260
YIQ	117.5850, -40.3510, 20.9370

# Conversions

## Conversions Part 2

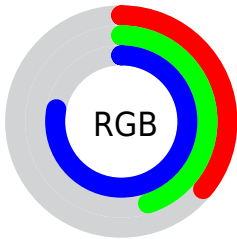
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 111, 198
Decimal	6058950
CIE <sub>Lab</sub>	50.23, 15.52, -45.98
CIE <sub>LCh</sub>	50, 48.525, 288.654
Yxy	18.6140, 0.2177, 0.1954
Android (android.graphics.Color)	4284249030 (0xFF5C73C6)
YUV	117.5850, 39.6446, -22.4380
Hunter-Lab	43.1439, 10.2953, -46.6548

# Details

The Hex color **5C73C6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **C6AF5C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95A7FF**, and **1D4390** is the 20% darker color. If you saturate the color by 10%, you get **4863C6**, and if you desaturate by 10%, it is **7083C6**.

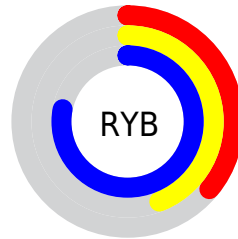
# Distribution



Red (36%)

Green (45%)

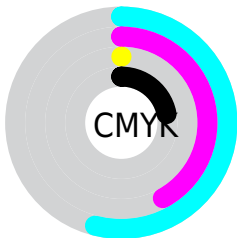
Blue (78%)



Red (36%)

Yellow (44%)

Blue (78%)

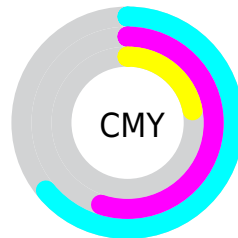


Cyan (54%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (55%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C73C6 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 5C73C6 by changing the saturation by 10% instead.



■ 5C73C6

■ 5C73C6

FFFFFF

■ 3F5BAA

■ 95A7FF

■ 1D4390

■ B1C2FF

■ 002E75

■ CEDEFF

■ 001A5C

■ EBF AFF

■ 000044

■ 00032D

■ 000117

■ 000000

■ 5C73C6

■ 5C73C6

4863C6

7083C6

3454C6

8492C6

2144C6

97A2C6

0D35C6

ABB1C6

002BC6

BFC1C6

D3D0C6

E7E0C6

FAEFC6

FFFFC6

# Harmonies

## Analogous

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



0081C8



5C73C6



9A62AF

# Triad

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



5C73C6



B7603B



008B66

# Complementary

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



5C73C6



C6AF5C

# 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.



43863E



5C73C6



9B7021

# Square

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



5C73C6



C3535F



757D22



008C91

# Rectangle

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



5C73C6



B35796



757D22



008958



# Sweetspot

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



5C73C6



D6DFFF



5CC6AD



676D80



000000



808080



# Same Dimension

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



5C73C6



5C7FFF



785CC6



5A5C63



0023A3



000824



# Inverse Universe

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



C65C73



FF5C7F



AAC65C



635A5C



A30023

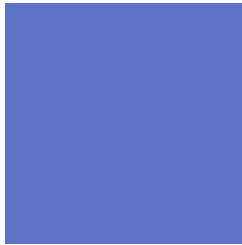


240008



# Previews

## White Background



This preview shows how the Hex color 5C73C6 looks on a white background.

## Color Contrast Check

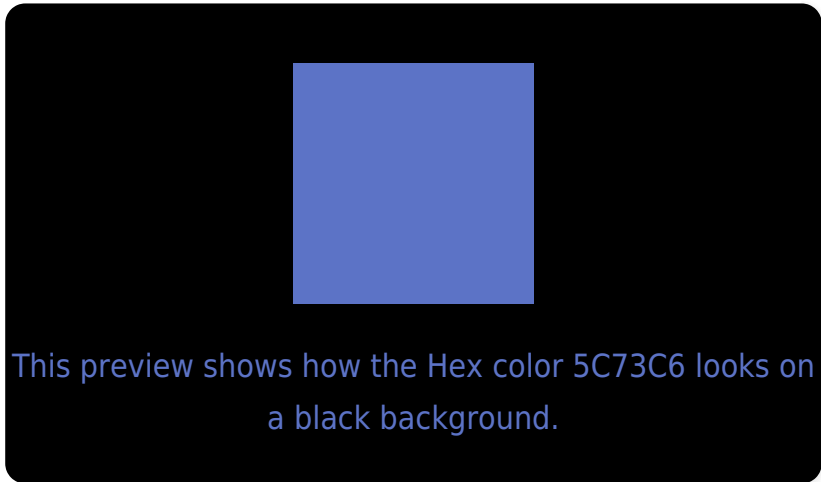
Large Text (above 18pt) WCAG AA ✓ Pass

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

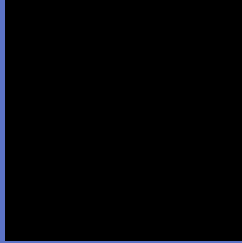
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C73C6 Background



This preview shows how black text looks on a background with the Hex color 5C73C6.

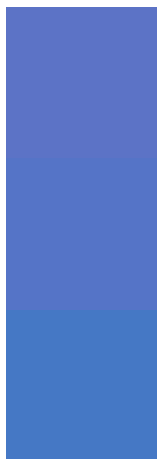


This preview shows how white text looks on a background with the Hex color 5C73C6.

# 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**  
5C73C6

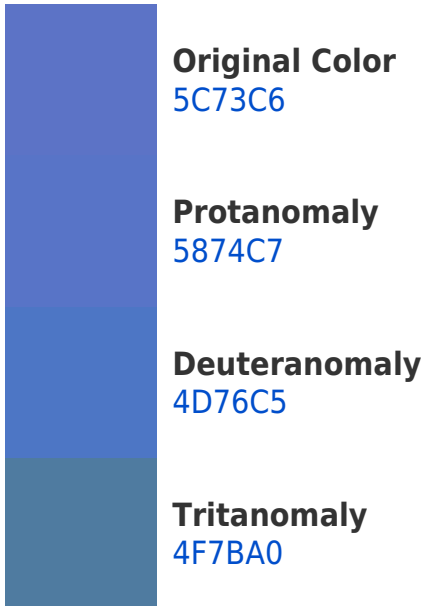
**Protanopia**  
5574C7

**Deuteranopia**  
4578C5



**Tritanopia**  
47808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C73C6 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 #5C73C6 looks like.

```
.text, #text, p{  
    color:#5C73C6  
}
```

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 #5C73C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C73C6
}
```

## Border

The CSS property to change the border of an element to Hex 5C73C6 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".

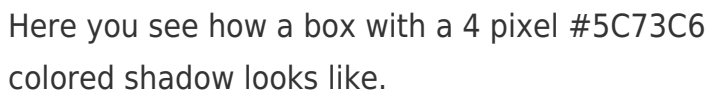
```
.border, #border, table{ border:4px solid
#5C73C6 }
```

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

```
.border{ border-color:#5C73C6 }
```

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

Here you see how a box with a 4 pixel #5C73C6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C73C6; -webkit-box-shadow:4px 4px  
4px 4px #5C73C6; box-shadow:4px 4px 4px  
4px #5C73C6 }
```

# Background

The CSS property to change the background color of an element to Hex 5C73C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C73C6 }
```

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

```
.background{ background-color:#5C73C6 }
```

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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