

# Converting Colors

Hex(5A77C6)

Have a look what the booklet for  
Hex(5A77C6) contains.

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# Color

Hex(5A77C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A77C6
RGB	90, 119, 198
RGB Percent	35%, 47%, 78%
CMY	0.6471, 0.5333, 0.2235
CMYK	0.55, 0.40, 0.00, 0.22
HSL	224°, 49%, 56%
HSV	224°, 55%, 78%
XYZ	21.0063, 19.4445, 56.0721
YIQ	119.3350, -42.6430, 18.4210

# Conversions

## Conversions Part 2

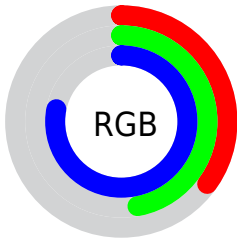
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 113, 198
Decimal	5928902
CIE <sub>Lab</sub>	51.20, 12.63, -44.44
CIE <sub>LCh</sub>	51, 46.202, 285.868
Yxy	19.4445, 0.2176, 0.2014
Android (android.graphics.Color)	4284118982 (0xFF5A77C6)
YUV	119.3350, 38.7818, -25.7268
Hunter-Lab	44.0959, 7.8655, -44.5256

# Details

The Hex color **5A77C6** 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 **C6A95A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **93ABFF**, and **194790** is the 20% darker color. If you saturate the color by 10%, you get **4669C6**, and if you desaturate by 10%, it is **6E85C6**.

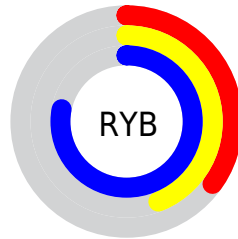
# Distribution



Red (35%)

Green (47%)

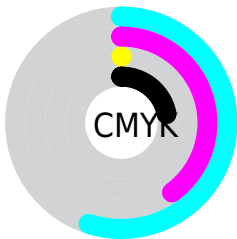
Blue (78%)



Red (35%)

Yellow (44%)

Blue (78%)

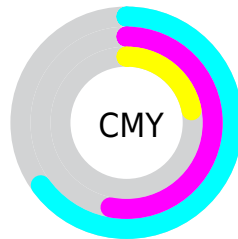


Cyan (55%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (53%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A77C6 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 5A77C6 by changing the saturation by 10% instead.



■ 5A77C6

■ 5A77C6

FFFFFF

■ 3D5FAA

■ 93ABFF

■ 194790

■ AFC6FF

■ 003176

■ CCE2FF

■ 001D5C

■ EAFFFF

■ 000244

■ 00032D

■ 000118

■ 000000

■ 5A77C6

■ 5A77C6

■ 4669C6

■ 6E85C6

■ 325AC6

■ 8294C6

■ 1F4CC6

■ 95A2C6

■ 0B3DC6

■ A9B1C6

■ 0035C6

■ BDBFC6

■ D1CEC6

■ E5DCC6

■ F8EBC6

■ FFF9C6

# Harmonies

## Analogous

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



0084C6



5A77C6



9767B1

# Triad

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



5A77C6



B96243



008C65

# Complementary

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



5A77C6



C6A95A

# 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.



4F8740



5A77C6



9F712A

# Square

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



5A77C6



C35767



7C7E29



008D8E

# Rectangle

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



5A77C6



B05D9B



7C7E29



1E8B58



# Sweetspot

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



5A77C6



D6E1FF



5AC6A7



676E80



000000



808080



# Same Dimension

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



5A77C6



5986FF



715AC6



5A5C63



002CA3



000A24



# Inverse Universe

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



C65A77



FF5986



AFC65A



635A5C



A3002C

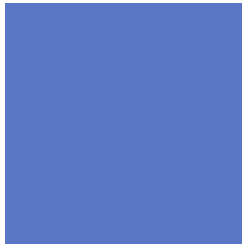


24000A



# Previews

## White Background



This preview shows how the Hex color 5A77C6 looks on a white background.

## Color Contrast Check

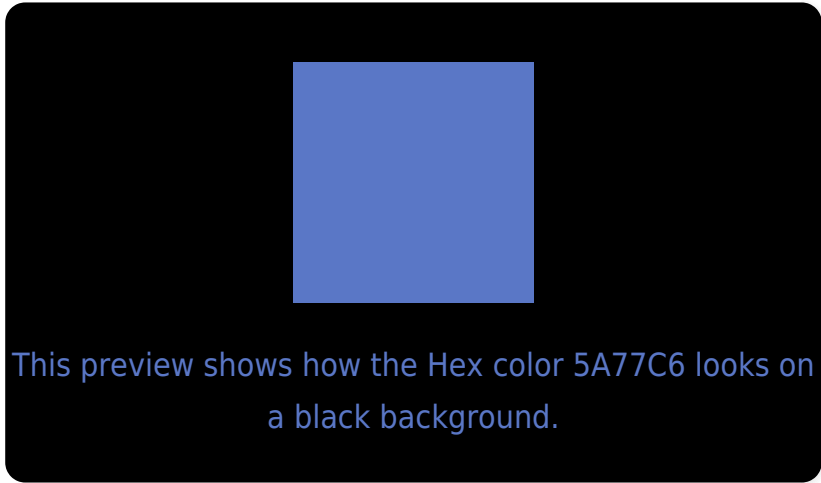
Large Text (above 18pt) WCAG AA ✓ Pass

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

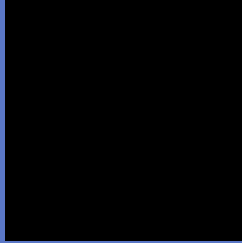
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A77C6 Background



This preview shows how black text looks on a background with the Hex color 5A77C6.



This preview shows how white text looks on a background with the Hex color 5A77C6.

# 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**  
5A77C6

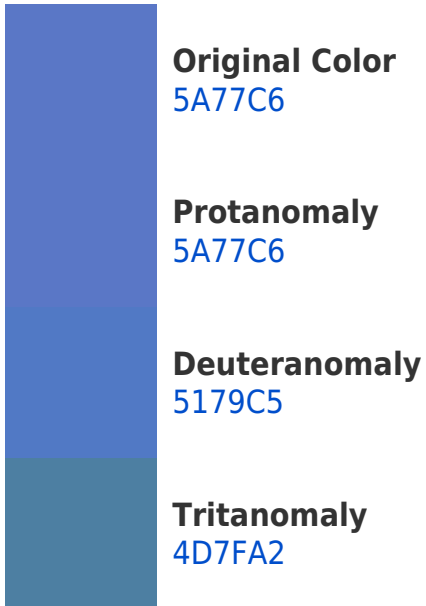
**Protanopia**  
5A77C6

**Deuteranopia**  
4C7AC5

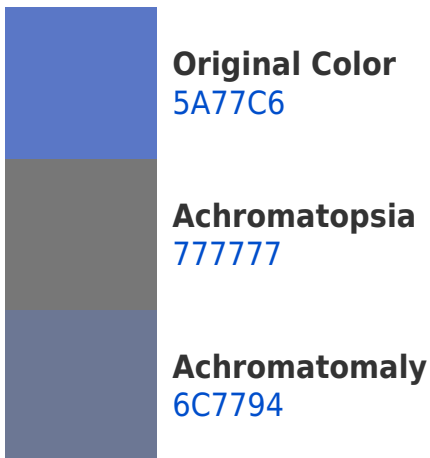


**Tritanopia**  
45838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A77C6 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 #5A77C6 looks like.

```
.text, #text, p{  
    color:#5A77C6  
}
```

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 #5A77C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A77C6
}
```

## Border

The CSS property to change the border of an element to Hex 5A77C6 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
#5A77C6 }
```

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

```
.border{ border-color:#5A77C6 }
```

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

Here you see how a box with a 4 pixel #5A77C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A77C6; -webkit-box-shadow:4px 4px  
4px 4px #5A77C6; box-shadow:4px 4px 4px  
4px #5A77C6 }
```

# Background

The CSS property to change the background color of an element to Hex 5A77C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A77C6 }
```

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

```
.background{ background-color:#5A77C6 }
```

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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