

# Converting Colors

Hex(5F6BC9)

Have a look what the booklet for  
Hex(5F6BC9) contains.

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# Color

**Hex(5F6BC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6BC9
RGB	95, 107, 201
RGB Percent	37%, 42%, 79%
CMY	0.6275, 0.5804, 0.2118
CMYK	0.53, 0.47, 0.00, 0.21
HSL	233°, 50%, 58%
HSV	233°, 53%, 79%
XYZ	20.5196, 17.1653, 57.4901
YIQ	114.1280, -37.3260, 26.6900

# Conversions

## Conversions Part 2

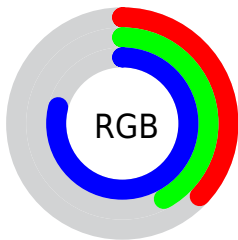
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 106, 201
Decimal	6253513
CIE <sub>Lab</sub>	48.47, 22.07, -50.50
CIE <sub>LCh</sub>	48, 55.111, 293.608
Yxy	17.1653, 0.2156, 0.1804
Android (android.graphics.Color)	4284443593 (0xFF5F6BC9)
YUV	114.1280, 42.8279, -16.7753
Hunter-Lab	41.4311, 15.9016, -53.2695

# Details

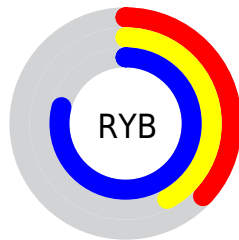
The Hex color **5F6BC9** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **C9BD5F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **989EFF**, and **203C92** is the 20% darker color. If you saturate the color by 10%, you get **4B59C9**, and if you desaturate by 10%, it is **737DC9**.

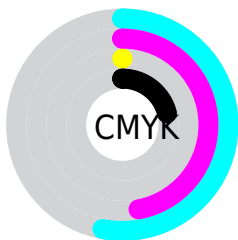
# Distribution



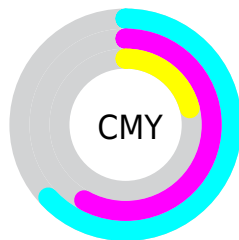
- Red (37%)
- Green (42%)
- Blue (79%)



- Red (37%)
- Yellow (42%)
- Blue (79%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (58%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6BC9 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 5F6BC9 by changing the saturation by 10% instead.



■ 5F6BC9

■ 5F6BC9

FFFFFF

■ 4253AD

■ 989EFF

■ 203C92

■ B5B9FF

■ 002778

■ D2D5FF

■ 00145F

■ EFF1FF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 5F6BC9

■ 5F6BC9

■ 4B59C9

■ 737DC9

■ 3747C9

■ 878FC9

■ 2336C9

■ 9BA0C9

■ 0F24C9

■ AFB2C9

■ 0017C9

■ C4C4C9

■ D8D6C9

■ ECE8C9

■ FFFAC9

■ FFFFC9

# Harmonies

## Analogous

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



007CD0



5F6BC9



A156AB

# Triad

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



5F6BC9



B45A27



008867

# Complementary

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



5F6BC9



C9BD5F

# 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.



238438



5F6BC9



926D02

# Square

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



5F6BC9



C54851



667C0D



008997

# Rectangle

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



5F6BC9



BA498F



667C0D



008757



# Sweetspot

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



5F6BC9



D6DBFF



5FC9BD



676A80



000000



808080



# Same Dimension

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



5F6BC9



5E71FF



885FC9



5A5B63



0012A3



000424



# Inverse Universe

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



C95F6B



FF5E71



A0C95F



635A5B



A30012

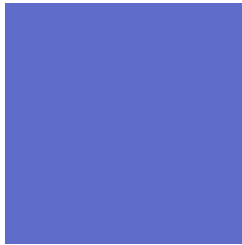


240004



# Previews

## White Background



This preview shows how the Hex color 5F6BC9 looks on a white background.

## Color Contrast Check

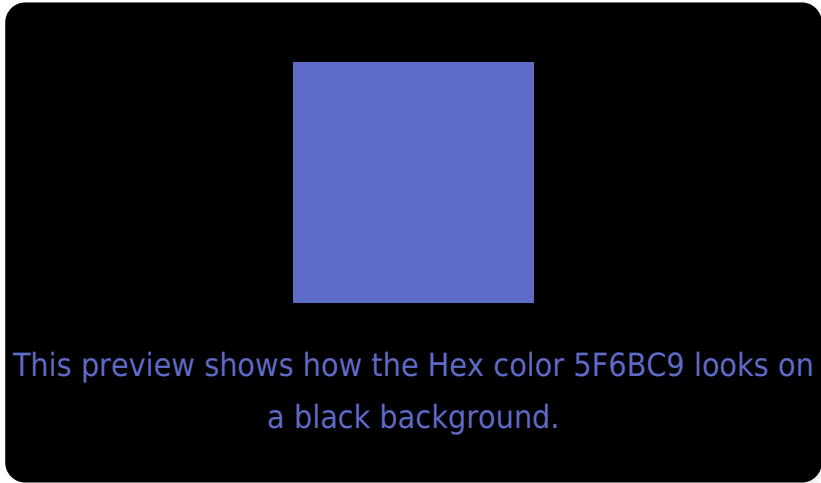
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

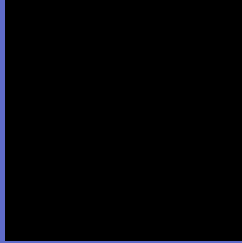
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F6BC9 Background



This preview shows how black text looks on a background with the Hex color 5F6BC9.



This preview shows how white text looks on a background with the Hex color 5F6BC9.

# 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](#).

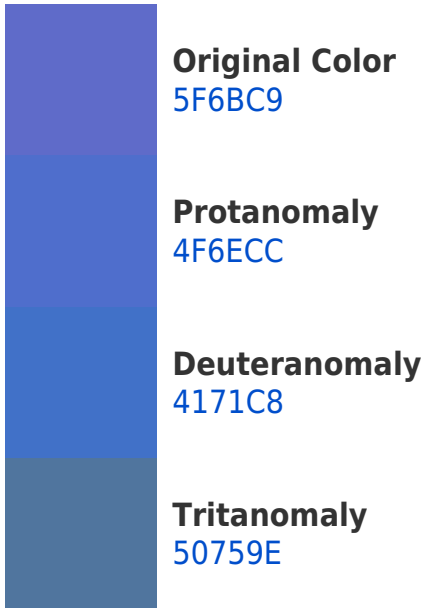
## Dichromacy





**Tritanopia**  
487B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6BC9 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 #5F6BC9 looks like.

```
.text, #text, p{  
    color:#5F6BC9  
}
```

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 #5F6BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6BC9
}
```

## Border

The CSS property to change the border of an element to Hex 5F6BC9 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
#5F6BC9 }
```

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

```
.border{ border-color:#5F6BC9 }
```

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

Here you see how a box with a 4 pixel #5F6BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6BC9; -webkit-box-shadow:4px 4px  
4px 4px #5F6BC9; box-shadow:4px 4px 4px  
4px #5F6BC9 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6BC9 }
```

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

```
.background{ background-color:#5F6BC9 }
```

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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