

# Converting Colors

Hex(5854C0)

Have a look what the booklet for  
Hex(5854C0) contains.

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# Color

Hex(5854C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5854C0
RGB	88, 84, 192
RGB Percent	35%, 33%, 75%
CMY	0.6549, 0.6706, 0.2471
CMYK	0.54, 0.56, 0.00, 0.25
HSL	242°, 46%, 54%
HSV	242°, 56%, 75%
XYZ	16.7093, 12.2211, 51.3474
YIQ	97.5080, -32.2840, 34.4360

# Conversions

## Conversions Part 2

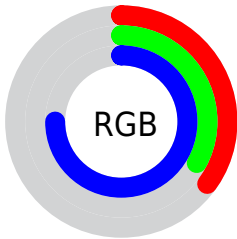
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 84, 192
Decimal	5788864
CIE Lab	41.57, 31.97, -56.42
CIE LCh	42, 64.852, 299.537
Yxy	12.2211, 0.2081, 0.1522
Android (android.graphics.Color)	4283978944 (0xFF5854C0)
YUV	97.5080, 46.5846, -8.3385
Hunter-Lab	34.9587, 24.1400, -62.6141

# Details

The Hex color **5854C0** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **BCC054**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9186F9**, and **13278A** is the 20% darker color. If you saturate the color by 10%, you get **4641C0**, and if you desaturate by 10%, it is **6A67C0**.

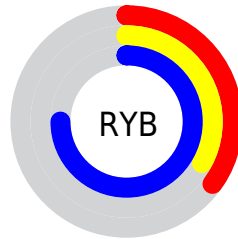
# Distribution



Red (35%)

Green (33%)

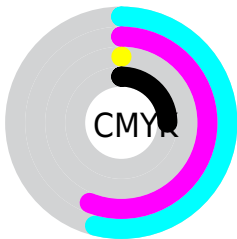
Blue (75%)



Red (35%)

Yellow (33%)

Blue (75%)

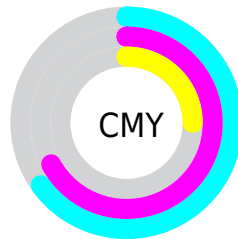


Cyan (54%)

Magenta (56%)

Yellow (0%)

Black (25%)



Cyan (65%)

Magenta (67%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5854C0 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 5854C0 by changing the saturation by 10% instead.



■ 5854C0

■ 5854C0

FFFFFF

■ 3A3DA4

■ 9186F9

■ 13278A

■ AEA0FF

■ 00126F

■ CBBBFF

■ 000056

■ E9D7FF

■ 00063E

■ FFF3FF

■ 000327

■ 000111

■ 000000

■ 5854C0

■ 5854C0

■ 4641C0

■ 6A67C0

■ 332EC0

■ 7D7AC0

■ 211AC0

■ 8F8EC0

■ 0E07C0

■ A2A1C0

■ 0700C0

■ B4B4C0

■ C7C7C0

■ D9DAC0

■ ECEEC0

■ FEFFC0

# Harmonies

## Analogous

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



0069CE



5854C0



9F3599

# Triad

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



5854C0



A04900



007860

# Complementary

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



5854C0



BCC054

# 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.



007527



5854C0



786000

# Square

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



5854C0



B92A31



436E00



007996

# Rectangle

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



5854C0



B61F77



436E00



00784D



# Sweetspot

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



5854C0



D1CFFA



54BCC0



65647D



FCFCFC



7D7D7D



# Same Dimension

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



5854C0



5650FA



8E54C0



585761



0600A1



010021



# Inverse Universe

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



C054BC



FA50F4



86C054



615761



A1009B

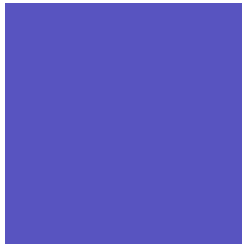


210020



# Previews

## White Background



This preview shows how the Hex color 5854C0 looks on a white background.

## Color Contrast Check

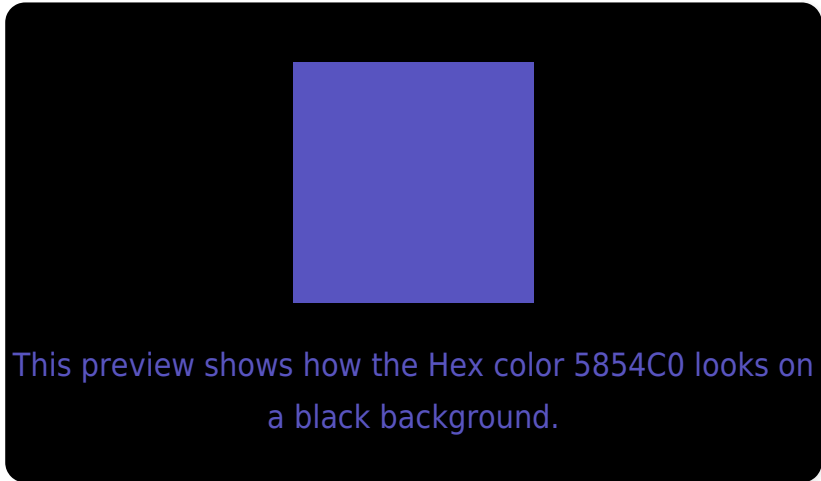
Large Text (above 18pt) WCAG AA ✓ Pass

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

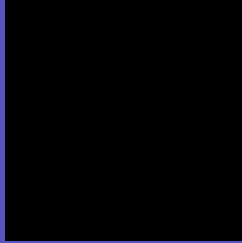
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5854C0 Background



This preview shows how black text looks on a background with the Hex color 5854C0.

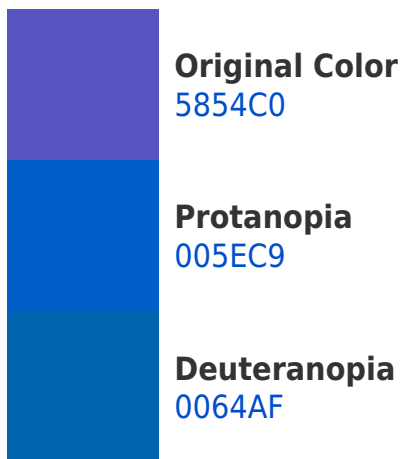



This preview shows how white text looks on a background with the Hex color 5854C0.

# 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](#).

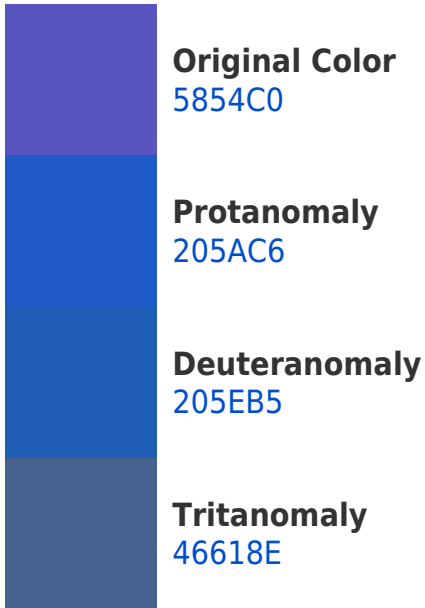
## Dichromacy



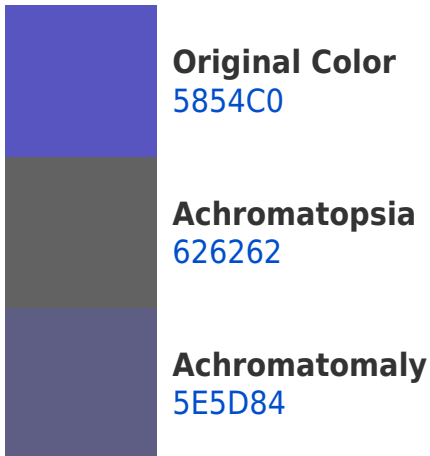


**Tritanopia**  
3C6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5854C0 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 #5854C0 looks like.

```
.text, #text, p{  
    color:#5854C0  
}
```

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 #5854C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5854C0
}
```

## Border

The CSS property to change the border of an element to Hex 5854C0 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
#5854C0 }
```

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

```
.border{ border-color:#5854C0 }
```

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

Here you see how a box with a 4 pixel #5854C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5854C0; -webkit-box-shadow:4px 4px  
4px 4px #5854C0; box-shadow:4px 4px 4px  
4px #5854C0 }
```

# Background

The CSS property to change the background color of an element to Hex 5854C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5854C0 }
```

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

```
.background{ background-color:#5854C0 }
```

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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