

# Converting Colors

Hex(5C59B4)

Have a look what the booklet for  
Hex(5C59B4) contains.

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# Color

Hex(5C59B4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C59B4
RGB	92, 89, 180
RGB Percent	36%, 35%, 71%
CMY	0.6392, 0.6510, 0.2941
CMYK	0.49, 0.51, 0.00, 0.29
HSL	242°, 38%, 53%
HSV	242°, 51%, 71%
XYZ	16.2242, 12.7154, 44.7792
YIQ	100.2710, -27.4230, 28.9370

# Conversions

## Conversions Part 2

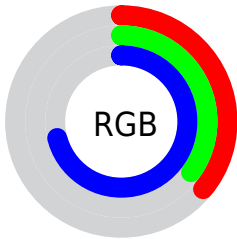
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 89, 180
Decimal	6052276
CIE <sub>Lab</sub>	42.33, 25.93, -48.16
CIE <sub>LCh</sub>	42, 54.699, 298.302
Yxy	12.7154, 0.2201, 0.1725
Android (android.graphics.Color)	4284242356 (0xFF5C59B4)
YUV	100.2710, 39.3064, -7.2537
Hunter-Lab	35.6586, 18.8128, -49.4939

# Details

The Hex color **5C59B4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B1B459**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **938BEC**, and **212B7E** is the 20% darker color. If you saturate the color by 10%, you get **4B47B4**, and if you desaturate by 10%, it is **6D6BB4**.

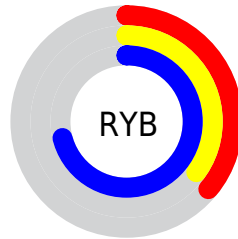
# Distribution



Red (36%)

Green (35%)

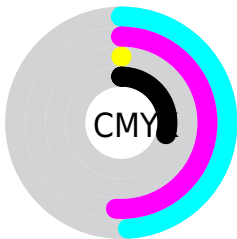
Blue (71%)



Red (36%)

Yellow (35%)

Blue (71%)

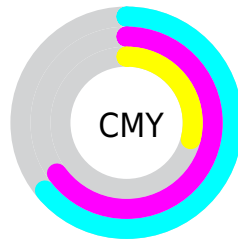


Cyan (49%)

Magenta (51%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (65%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C59B4 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 5C59B4 by changing the saturation by 10% instead.



■ 5C59B4

■ 5C59B4

FFFFFF

■ 404299

■ 938BEC

■ 212B7E

■ B0A5FF

■ 001765

■ CCC1FF

■ 00004C

■ E9DCFF

■ 000535

■ FFF9FF

■ 00021F

■ 000001

■ 000000

■ 5C59B4

■ 5C59B4

■ 4B47B4

■ 6D6BB4

■ 3935B4

■ 7F7DB4

■ 2823B4

■ 908FB4

■ 1611B4

■ A2A1B4

■ 0600B4

■ B3B3B4

■ C4C5B4

■ D6D7B4

■ E7E9B4

■ F9FBB4

# Harmonies

## Analogous

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



006ABF



5C59B4



974394

# Triad

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



5C59B4



9D4F12



007860

# Complementary

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



5C59B4



B1B459

# 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.



007531



5C59B4



7B6100

# Square

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



5C59B4



B13A3C



4F6E00



00788E

# Rectangle

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



5C59B4



AB3678



4F6E00



007750



# Sweetspot

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



5C59B4



C9C7EB



59B2B4



616075



F5F5F5



757575



# Same Dimension

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



5C59B4



605BEB



8859B4



515059



050099



01001A



# Inverse Universe

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



B459B1



EB5BE6



85B459



595059



990094



1A0019



# Previews

## White Background



This preview shows how the Hex color 5C59B4 looks on a white background.

## Color Contrast Check

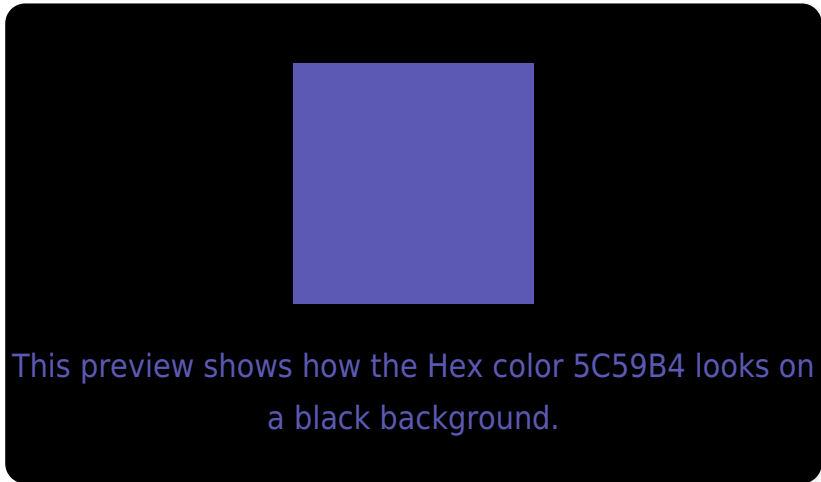
Large Text (above 18pt) WCAG AA ✓ Pass

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

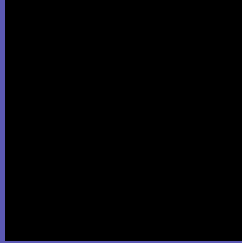
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C59B4 Background



This preview shows how black text looks on a background with the Hex color 5C59B4.

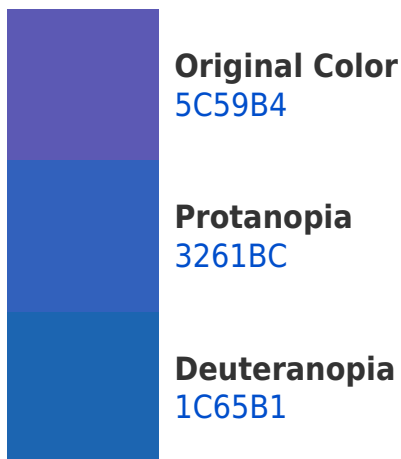



This preview shows how white text looks on a background with the Hex color 5C59B4.

# 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](#).

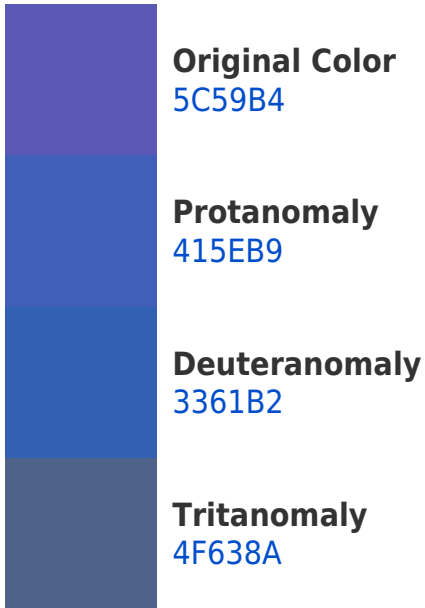
## Dichromacy





**Tritanopia**  
486972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C59B4 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 #5C59B4 looks like.

```
.text, #text, p{  
    color:#5C59B4  
}
```

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 #5C59B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C59B4
}
```

## Border

The CSS property to change the border of an element to Hex 5C59B4 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
#5C59B4 }
```

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

```
.border{ border-color:#5C59B4 }
```

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

Here you see how a box with a 4 pixel #5C59B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C59B4; -webkit-box-shadow:4px 4px  
4px 4px #5C59B4; box-shadow:4px 4px 4px  
4px #5C59B4 }
```

# Background

The CSS property to change the background color of an element to Hex 5C59B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C59B4 }
```

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

```
.background{ background-color:#5C59B4 }
```

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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