

# Converting Colors

Hex(5C4492)

Have a look what the booklet for  
Hex(5C4492) contains.

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# Color

**Hex(5C4492)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4492
RGB	92, 68, 146
RGB Percent	36%, 27%, 57%
CMY	0.6392, 0.7333, 0.4275
CMYK	0.37, 0.53, 0.00, 0.43
HSL	258°, 36%, 42%
HSV	258°, 53%, 57%
XYZ	11.6691, 8.4849, 28.2168
YIQ	84.0680, -10.7340, 29.3460

# Conversions

## Conversions Part 2

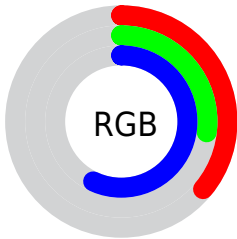
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 68, 146
Decimal	6046866
CIE <sub>Lab</sub>	34.97, 28.79, -39.63
CIE <sub>LCh</sub>	35, 48.983, 306.004
Yxy	8.4849, 0.2412, 0.1754
Android (android.graphics.Color)	4284236946 (0xFF5C4492)
YUV	84.0680, 30.5325, 6.9564
Hunter-Lab	29.1288, 20.5320, -37.0436

# Details

The Hex color **5C4492** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7A9244**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9175C8**, and **28175F** is the 20% darker color. If you saturate the color by 10%, you get **523592**, and if you desaturate by 10%, it is **665392**.

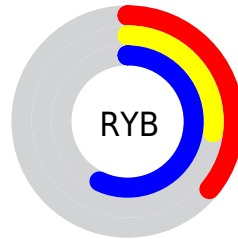
# Distribution



Red (36%)

Green (27%)

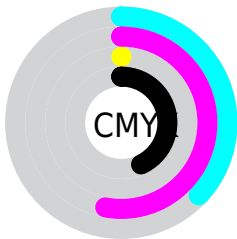
Blue (57%)



Red (36%)

Yellow (27%)

Blue (57%)

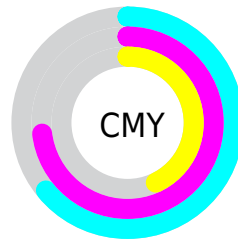


Cyan (37%)

Magenta (53%)

Yellow (0%)

Black (43%)



Cyan (64%)

Magenta (73%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4492 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 5C4492 by changing the saturation by 10% instead.



■ 5C4492

■ 5C4492

FFFFFF

■ 422D78

■ 9175C8

■ 28175F

■ AD8FE5

■ 0C0147

■ C9A9FF

■ 00002F

■ E5C5FF

■ 00011A

■ FFE1FF

■ 000000

■ FFFDFF

■ 5C4492

■ 5C4492

■ 523592

■ 665392

■ 482792

■ 706192

■ 3E1892

■ 7A7092

■ 340A92

■ 847E92

■ 2D0092

■ 8F8D92

■ 999C92

■ A3AA92

■ ADB992

■ B7C792

# Harmonies

## Analogous

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



0055A1



5C4492



863073

# Triad

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



5C4492



7C4400



006459

# Complementary

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



5C4492



7A9244

# 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.



006230



5C4492



5D5300

# Square

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



5C4492



923226



335D06



00637F

# Rectangle

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



5C4492



942759



335D06



00634C



# Sweetspot

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



5C4492



A89FBD



447B92



524C5E



DEDEDE



5E5E5E



# Same Dimension

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



5C4492



6944BD



824492



45434A



2A008A



03000A



# Inverse Universe

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



92447A



BD4498



549244



4A4348



8A005F

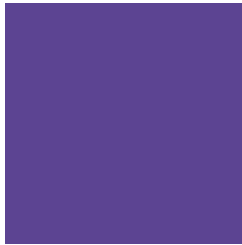


0A0007



# Previews

## White Background



This preview shows how the Hex color 5C4492 looks on a white background.

## Color Contrast Check

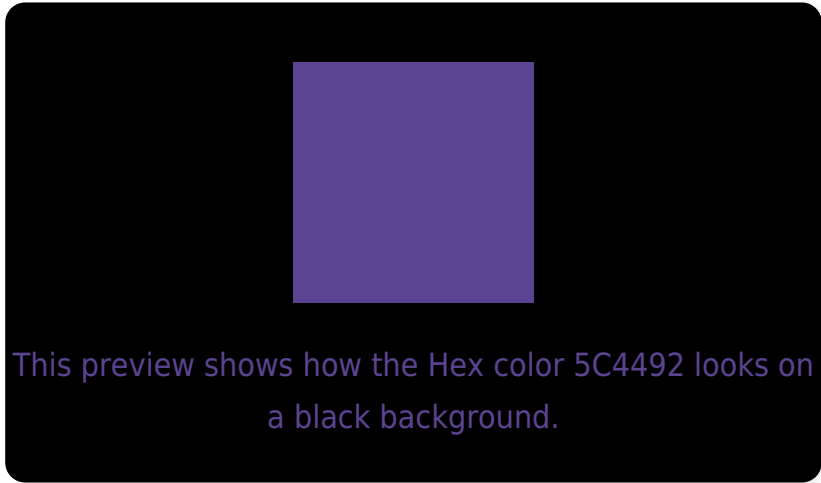
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 5C4492 Background



This preview shows how black text looks on a background with the Hex color 5C4492.

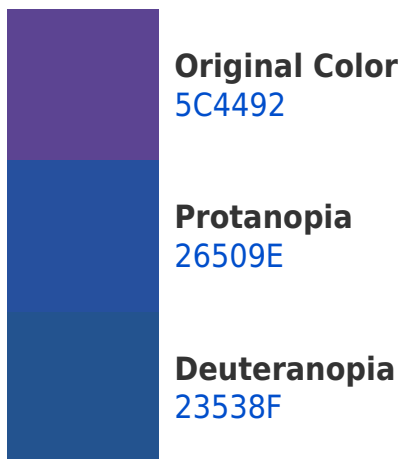


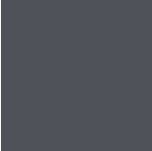
This preview shows how white text looks on a background with the Hex color 5C4492.

# 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**  
505259

# Trichromacy



**Original Color**  
5C4492

**Protanomaly**  
3A4C9A

**Deuteranomaly**  
384E90

**Tritanomaly**  
544D6E

# Monochromacy



**Original Color**  
5C4492

**Achromatopsia**  
545454

**Achromatomaly**  
574E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4492 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 #5C4492 looks like.

```
.text, #text, p{  
    color:#5C4492  
}
```

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 #5C4492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4492
}
```

## Border

The CSS property to change the border of an element to Hex 5C4492 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
#5C4492 }
```

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

```
.border{ border-color:#5C4492 }
```

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

Here you see how a box with a 4 pixel #5C4492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4492; -webkit-box-shadow:4px 4px  
4px 4px #5C4492; box-shadow:4px 4px 4px  
4px #5C4492 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4492 }
```

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

```
.background{ background-color:#5C4492 }
```

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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