

# Converting Colors

Hex(574494)

Have a look what the booklet for  
Hex(574494) contains.

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# Color

**Hex(574494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	574494
RGB	87, 68, 148
RGB Percent	34%, 27%, 58%
CMY	0.6588, 0.7333, 0.4196
CMYK	0.41, 0.54, 0.00, 0.42
HSL	254°, 37%, 42%
HSV	254°, 54%, 58%
XYZ	11.3429, 8.2986, 29.0209
YIQ	82.8010, -14.3560, 28.9080

# Conversions

## Conversions Part 2

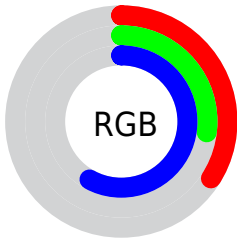
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 68, 148
Decimal	5719188
CIE <sub>Lab</sub>	34.60, 28.08, -41.47
CIE <sub>LCh</sub>	35, 50.084, 304.097
Yxy	8.2986, 0.2331, 0.1705
Android (android.graphics.Color)	4283909268 (0xFF574494)
YUV	82.8010, 32.1431, 3.6825
Hunter-Lab	28.8073, 19.8718, -39.5646

# Details

The Hex color **574494** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **819444**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C75CB**, and **221861** is the 20% darker color. If you saturate the color by 10%, you get **4C3594**, and if you desaturate by 10%, it is **625394**.

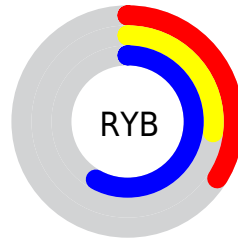
# Distribution



Red (34%)

Green (27%)

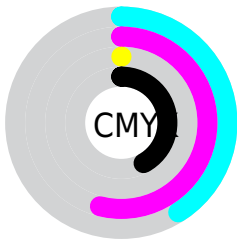
Blue (58%)



Red (34%)

Yellow (27%)

Blue (58%)

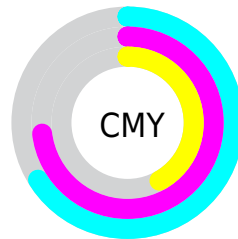


Cyan (41%)

Magenta (54%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (73%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 574494 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 574494 by changing the saturation by 10% instead.



■ 574494

■ 574494

FFFFFF

■ 3D2D7A

■ 8C75CB

■ 221861

■ A88EE7

■ 020148

■ C4A9FF

■ 000031

■ E0C4FF

■ 00011B

■ FEE0FF

■ 000000

■ FFFDFF

■ 574494

■ 574494

■ 4C3594

■ 625394

■ 402694

■ 6E6294

■ 351894

■ 797094

■ 2A0994

■ 847F94

■ 230094

■ 8F8E94

■ 9B9D94

■ A6AC94

■ B1BA94

■ BDC994

# Harmonies

## Analogous

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



0055A2



574494



852F75

# Triad

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



574494



7E4200



006356

# Complementary

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



574494



819444

# 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.



00612C



574494



5E5100

# Square

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



574494



922F27



355B00



00637D

# Rectangle

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



574494



93255B



355B00



006348



# Sweetspot

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



574494



A8A1BF



448194



534E61



E0E0E0



616161



# Same Dimension

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



574494



6043BF



7F4494



44434A



21008A



02000A



# Inverse Universe

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



944481



BF43A2



599444



4A4348



8A0069



0A0008



# Previews

## White Background



This preview shows how the Hex color 574494 looks on a white background.

## Color Contrast Check

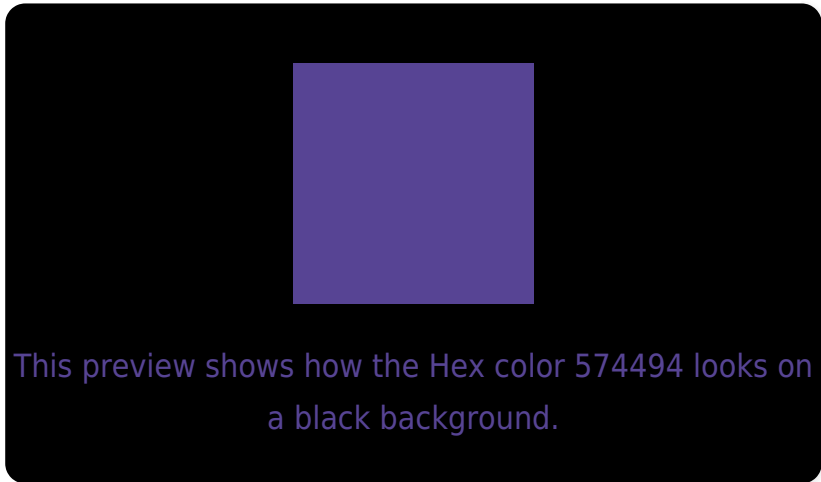
Large Text (above 18pt) WCAG AA ✓ Pass

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

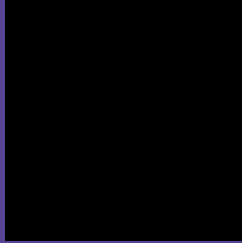
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 574494 Background



This preview shows how black text looks on a background with the Hex color 574494.

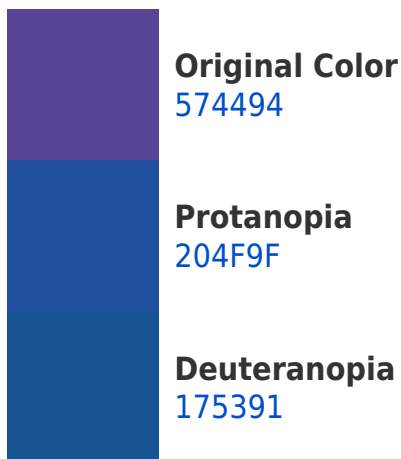



This preview shows how white text looks on a background with the Hex color 574494.

# 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**  
49535A

# Trichromacy



**Original Color**  
574494

**Protanomaly**  
344B9B

**Deuteranomaly**  
2E4E92

**Tritanomaly**  
4E4E6F

# Monochromacy



**Original Color**  
574494

**Achromatopsia**  
535353

**Achromatomaly**  
544E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 574494 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 #574494 looks like.

```
.text, #text, p{  
    color:#574494  
}
```

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 #574494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574494
}
```

## Border

The CSS property to change the border of an element to Hex 574494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

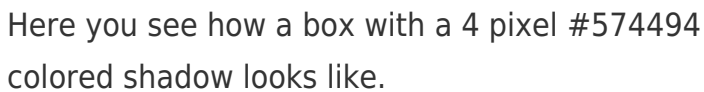
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574494 }
```

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

```
.border{ border-color:#574494 }
```

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



Here you see how a box with a 4 pixel #574494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574494; -webkit-box-shadow:4px 4px  
4px 4px #574494; box-shadow:4px 4px 4px  
4px #574494 }
```

# Background

The CSS property to change the background color of an element to Hex 574494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574494 }
```

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

```
.background{ background-color:#574494 }
```

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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