

# Converting Colors

Hex(5E4994)

Have a look what the booklet for  
Hex(5E4994) contains.

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# Color

**Hex(5E4994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4994
RGB	94, 73, 148
RGB Percent	37%, 29%, 58%
CMY	0.6314, 0.7137, 0.4196
CMYK	0.36, 0.51, 0.00, 0.42
HSL	257°, 34%, 43%
HSV	257°, 51%, 58%
XYZ	12.3439, 9.2829, 29.1582
YIQ	87.8290, -11.5590, 27.7770

# Conversions

## Conversions Part 2

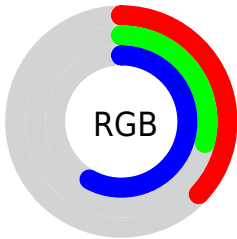
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 73, 148
Decimal	6179220
CIE <sub>Lab</sub>	36.52, 26.81, -38.36
CIE <sub>LCh</sub>	37, 46.798, 304.956
Yxy	9.2829, 0.2431, 0.1828
Android (android.graphics.Color)	4284369300 (0xFF5E4994)
YUV	87.8290, 29.6643, 5.4120
Hunter-Lab	30.4678, 18.9999, -35.4139

# Details

The Hex color **5E4994** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **7F9449**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **937ACB**, and **2B1C61** is the 20% darker color. If you saturate the color by 10%, you get **533A94**, and if you desaturate by 10%, it is **695894**.

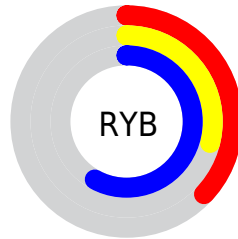
# Distribution



Red (37%)

Green (29%)

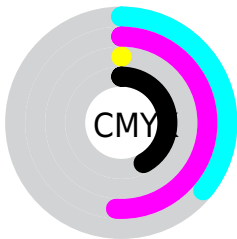
Blue (58%)



Red (37%)

Yellow (29%)

Blue (58%)

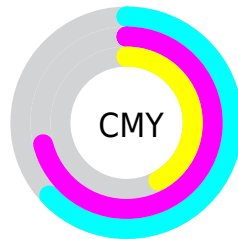


Cyan (36%)

Magenta (51%)

Yellow (0%)

Black (42%)



Cyan (63%)

Magenta (71%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4994 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 5E4994 by changing the saturation by 10% instead.



■ 5E4994

■ 5E4994

FFFFFF

■ 44327A

■ 937ACB

■ 2B1C61

■ AE94E7

■ 0E0748

■ CBAFFF

■ 000031

■ E7CAFF

■ 00011B

■ FFE6FF

■ 000000

■ 5E4994

■ 5E4994

■ 533A94

■ 695894

■ 492B94

■ 736794

■ 3E1D94

■ 7E7594

■ 330E94

■ 898494

■ 290094

■ 939394

■ 9EA294

■ A9B194

■ B3BF94

■ BECE94

# Harmonies

## Analogous

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



0058A1



5E4994



883776

# Triad

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



5E4994



80480B



00675B

# Complementary

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



5E4994



7F9449

# 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.



006534



5E4994



625600

# Square

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



5E4994



94382D



3B600F



006780

# Rectangle

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



5E4994



95305E



3B600F



00674E



# Sweetspot

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



5E4994



ABA3BF



498094



544F61



E0E0E0



616161



# Same Dimension

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



5E4994



6B4BBF



834994



45434A



27008A



03000A



# Inverse Universe

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



94497F



BF4B9F



5A9449



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 5E4994 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

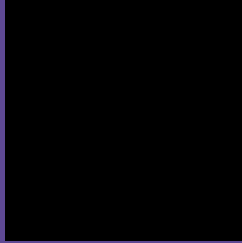
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4994 Background



This preview shows how black text looks on a background with the Hex color 5E4994.

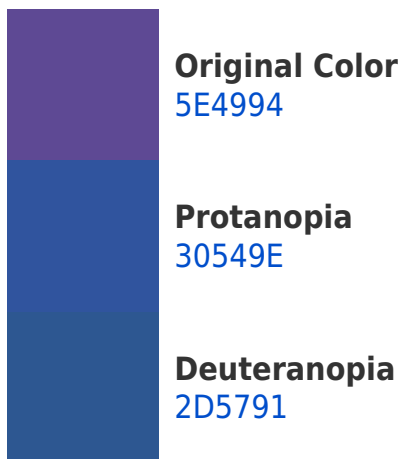



This preview shows how white text looks on a background with the Hex color 5E4994.

# 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](#).

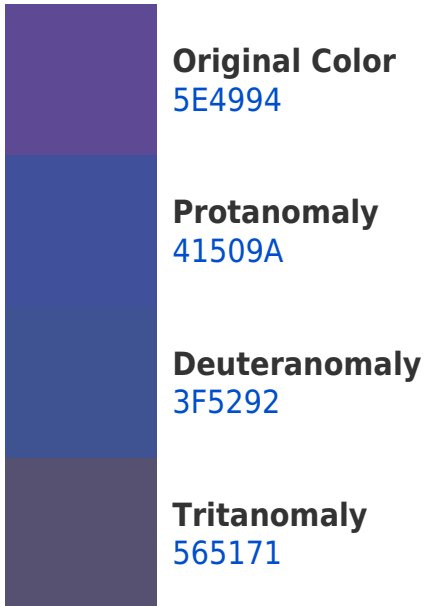
## Dichromacy



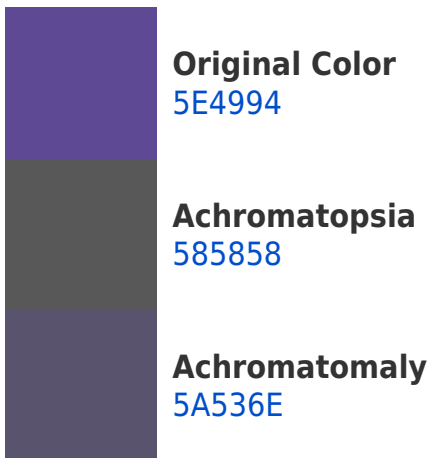


**Tritanopia**  
52565D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4994 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 #5E4994 looks like.

```
.text, #text, p{  
    color:#5E4994  
}
```

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 #5E4994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4994
}
```

## Border

The CSS property to change the border of an element to Hex 5E4994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

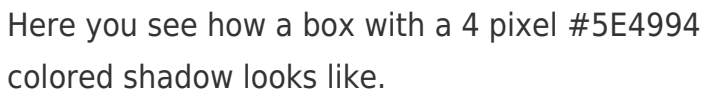
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4994 }
```

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

```
.border{ border-color:#5E4994 }
```

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



Here you see how a box with a 4 pixel #5E4994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4994; -webkit-box-shadow:4px 4px  
4px 4px #5E4994; box-shadow:4px 4px 4px  
4px #5E4994 }
```

# Background

The CSS property to change the background color of an element to Hex 5E4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4994 }
```

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

```
.background{ background-color:#5E4994 }
```

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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