

# Converting Colors

Hex(4C4593)

Have a look what the booklet for  
Hex(4C4593) contains.

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# Color

**Hex(4C4593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C4593
RGB	76, 69, 147
RGB Percent	30%, 27%, 58%
CMY	0.7020, 0.7294, 0.4235
CMYK	0.48, 0.53, 0.00, 0.42
HSL	245°, 36%, 42%
HSV	245°, 53%, 58%
XYZ	10.3751, 7.8993, 28.5817
YIQ	79.9850, -20.8660, 25.7420

# Conversions

## Conversions Part 2

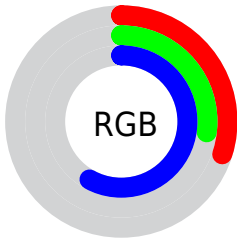
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 69, 147
Decimal	4998547
CIE <sub>Lab</sub>	33.77, 24.42, -42.24
CIE <sub>LCh</sub>	34, 48.795, 300.033
Yxy	7.8993, 0.2214, 0.1686
Android (android.graphics.Color)	4283188627 (0xFF4C4593)
YUV	79.9850, 33.0384, -3.4948
Hunter-Lab	28.1057, 16.7072, -40.6199

# Details

The Hex color **4C4593** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C9345**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8175CA**, and **121A60** is the 20% darker color. If you saturate the color by 10%, you get **3F3693**, and if you desaturate by 10%, it is **595493**.

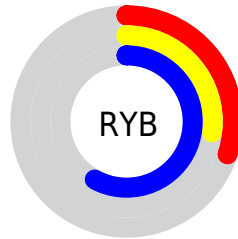
# Distribution



Red (30%)

Green (27%)

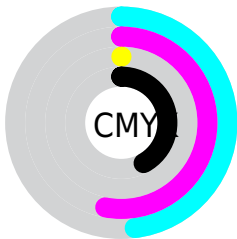
Blue (58%)



Red (30%)

Yellow (27%)

Blue (58%)

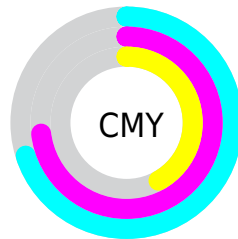


Cyan (48%)

Magenta (53%)

Yellow (0%)

Black (42%)



Cyan (70%)

Magenta (73%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4593 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 4C4593 by changing the saturation by 10% instead.





4C4593



4C4593

FFFFFF



312F79



8175CA



121A60



9D8FE6



000247



B9AAFF



000430



D5C5FF



00011A



F2E1FF



000000

FFFEFF



4C4593



4C4593



3F3693



595493

■ 312893

■ 676293

■ 241993

■ 747193

■ 160A93

■ 828093

■ 0D0093

■ 8F8E93

■ 9C9D93

■ AAAC93

■ B7BB93

■ C4C993

# Harmonies

## Analogous

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



00549D



4C4593



7D3177

# Triad

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



4C4593



7E3E05



00604E

# Complementary

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



4C4593



8C9345

# 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.



005E26



4C4593



614E00

# Square

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



4C4593



902C2B



3A5800



006075

# Rectangle

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



4C4593



8D265E



3A5800



006041



# Sweetspot

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



4C4593



A3A1BF



458D93



504E61



E0E0E0



616161



# Same Dimension

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



4C4593



5045BF



724593



43434A



0C008A



01000A



# Inverse Universe

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



93458C



BF45B4



659345



4A4349



8A007D



0A0009



# Previews

## White Background



This preview shows how the Hex color 4C4593 looks on a white background.

## Color Contrast Check

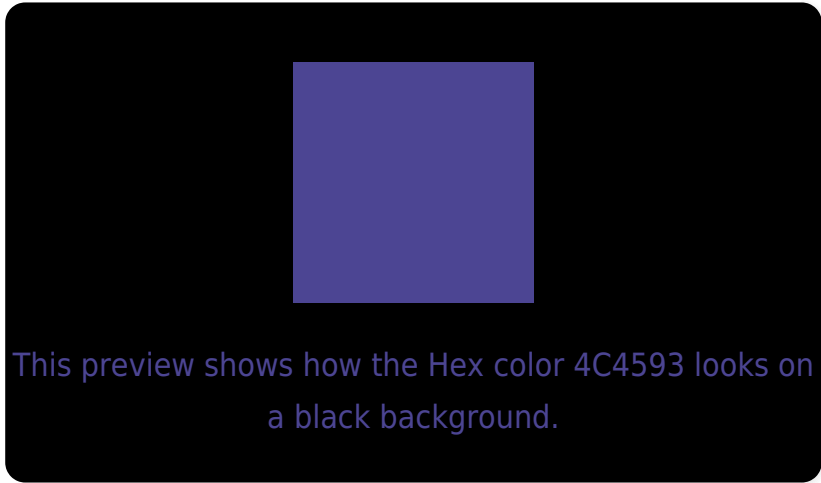
Large Text (above 18pt) WCAG AA ✓ Pass

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

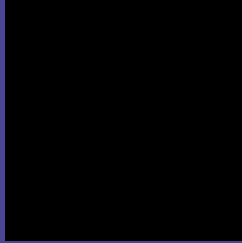
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C4593 Background



This preview shows how black text looks on a background with the Hex color 4C4593.



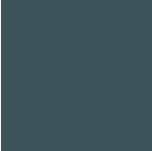
This preview shows how white text looks on a background with the Hex color 4C4593.

# 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**  
3C535A

# Trichromacy



**Original Color**  
4C4593

**Protanomaly**  
304A98

**Deuteranomaly**  
1C4D90

**Tritanomaly**  
424E6F

# Monochromacy



**Original Color**  
4C4593

**Achromatopsia**  
505050

**Achromatomaly**  
4F4C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4593 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 #4C4593 looks like.

```
.text, #text, p{  
    color:#4C4593  
}
```

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 #4C4593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4593
}
```

## Border

The CSS property to change the border of an element to Hex 4C4593 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
#4C4593 }
```

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

```
.border{ border-color:#4C4593 }
```

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

Here you see how a box with a 4 pixel #4C4593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4593; -webkit-box-shadow:4px 4px  
4px 4px #4C4593; box-shadow:4px 4px 4px  
4px #4C4593 }
```

# Background

The CSS property to change the background color of an element to Hex 4C4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4593 }
```

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

```
.background{ background-color:#4C4593 }
```

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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