

Converting Colors

Hex(4C4494)

Have a look what the booklet for
Hex(4C4494) contains.

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Color

Hex(4C4494)

Conversions

Conversions Part 1

Format	Color
Hex	4C4494
RGB	76, 68, 148
RGB Percent	30%, 27%, 58%
CMY	0.7020, 0.7333, 0.4196
CMYK	0.49, 0.54, 0.00, 0.42
HSL	246°, 37%, 42%
HSV	246°, 54%, 58%
XYZ	10.3929, 7.8089, 28.9765
YIQ	79.5120, -20.9120, 26.5760

Conversions

Conversions Part 2

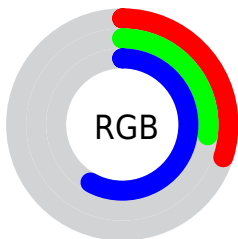
Format	Color
R_{YB}	76, 68, 148
Decimal	4998292
CIE _{Lab}	33.58, 25.38, -43.16
CIE _{LCh}	34, 50.069, 300.459
Yxy	7.8089, 0.2203, 0.1655
Android (android.graphics.Color)	4283188372 (0xFF4C4494)
YUV	79.5120, 33.7646, -3.0800
Hunter-Lab	27.9443, 17.4842, -41.9188

Details

The Hex color **4C4494** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C9444**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8274CB**, and **121960** is the 20% darker color. If you saturate the color by 10%, you get **3F3594**, and if you desaturate by 10%, it is **595394**.

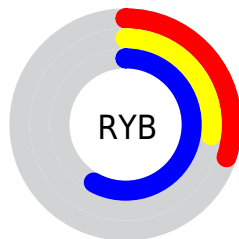
Distribution



Red (30%)

Green (27%)

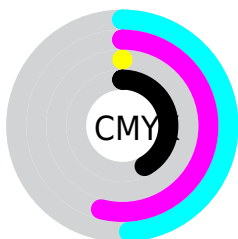
Blue (58%)



Red (30%)

Yellow (27%)

Blue (58%)

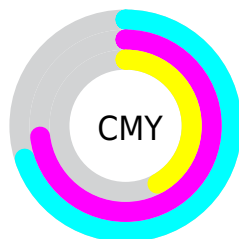


Cyan (49%)

Magenta (54%)

Yellow (0%)

Black (42%)



Cyan (70%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4494 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 4C4494 by changing the saturation by 10% instead.

■ 4C4494

■ 4C4494

FFFFFF

■ 312E7A

■ 8274CB

■ 121960

■ 9D8EE7

■ 000148

■ B9A8FF

■ 000431

■ D6C4FF

■ 00011B

■ F3E0FF

■ 000000

■ FFFCFF

■ 4C4494

■ 4C4494

■ 3F3594

■ 595394

■ 312694

■ 676294

■ 241894

■ 747094

■ 170994

■ 817F94

■ 0F0094

■ 8F8E94

■ 9C9D94

■ A9AC94

■ B7BA94

■ C4C994

Harmonies

Analogous

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



00549F



4C4494



7E2F77

Triad

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



4C4494



7E3D01



00604E

Complementary

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



4C4494



8C9444

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.



005E25



4C4494



604E00

Square

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



4C4494



912A29



385800



006076

Rectangle

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



4C4494



8F235D



385800



006041

Sweetspot

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



4C4494



A4A1BF



448C94



504E61



E0E0E0



616161

Same Dimension

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



4C4494



4F43BF



744494



43434A



0E008A



01000A

Inverse Universe

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



94448C



BF43B3



649444



4A4349



8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 4C4494 looks on a white background.

Color Contrast Check

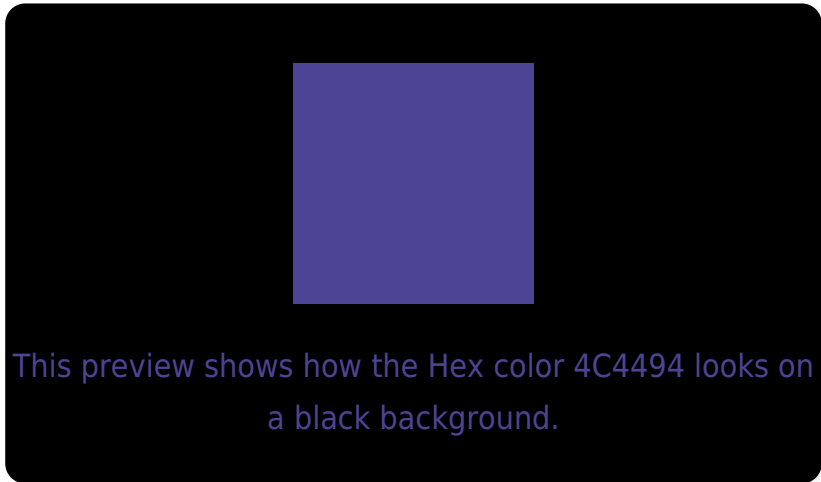
Large Text (above 18pt) WCAG AA ✓ Pass

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

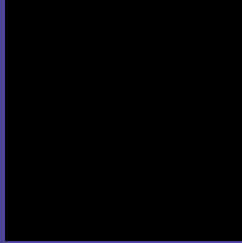
Any Text WCAG AA × Fail

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 4C4494 Background



This preview shows how black text looks on a background with the Hex color 4C4494.



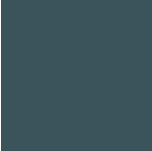
This preview shows how white text looks on a background with the Hex color 4C4494.

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
3B535A

Trichromacy



Original Color
4C4494

Protanomaly
2C499A

Deuteranomaly
1C4C90

Tritanomaly
414E6F

Monochromacy



Original Color
4C4494

Achromatopsia
505050

Achromatomaly
4F4C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4494 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 #4C4494 looks like.

```
.text, #text, p{  
    color:#4C4494  
}
```

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 #4C4494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4494
}
```

Border

The CSS property to change the border of an element to Hex 4C4494 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
#4C4494 }
```

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

```
.border{ border-color:#4C4494 }
```

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

Here you see how a box with a 4 pixel #4C4494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4494; -webkit-box-shadow:4px 4px  
4px 4px #4C4494; box-shadow:4px 4px 4px  
4px #4C4494 }
```

Background

The CSS property to change the background color of an element to Hex 4C4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4494 }
```

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

```
.background{ background-color:#4C4494 }
```

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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