

Converting Colors

Hex(50499C)

Have a look what the booklet for
Hex(50499C) contains.

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Color

Hex(50499C)

Conversions

Conversions Part 1

Format	Color
Hex	50499C
RGB	80, 73, 156
RGB Percent	31%, 29%, 61%
CMY	0.6863, 0.7137, 0.3882
CMYK	0.49, 0.53, 0.00, 0.39
HSL	245°, 36%, 45%
HSV	245°, 53%, 61%
XYZ	11.6916, 8.8709, 32.5485
YIQ	84.5550, -22.4710, 27.2970

Conversions

Conversions Part 2

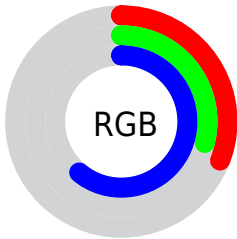
Format	Color
R_{YB}	80, 73, 156
Decimal	5261724
CIE _{Lab}	35.73, 25.67, -44.53
CIE _{LCh}	36, 51.400, 299.964
Yxy	8.8709, 0.2201, 0.1670
Android (android.graphics.Color)	4283451804 (0xFF50499C)
YUV	84.5550, 35.2224, -3.9947
Hunter-Lab	29.7840, 17.9473, -43.9445

Details

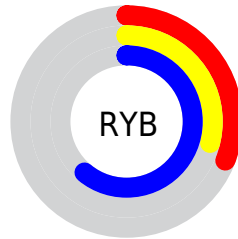
The Hex color **50499C** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **959C49**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **867AD3**, and **161D68** is the 20% darker color. If you saturate the color by 10%, you get **42399C**, and if you desaturate by 10%, it is **5E599C**.

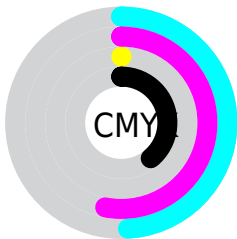
Distribution



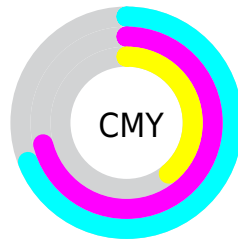
- Red (31%)
- Green (29%)
- Blue (61%)



- Red (31%)
- Yellow (29%)
- Blue (61%)



- Cyan (49%)
- Magenta (53%)
- Yellow (0%)
- Black (39%)



- Cyan (69%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50499C 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 50499C by changing the saturation by 10% instead.

■ 50499C

■ 50499C

FFFFFF

■ 353282

■ 867AD3

■ 161D68

■ A294F0

■ 00084F

■ BEAEFF

■ 000038

■ DBCAFF

■ 000221

■ F8E6FF

■ 000007

■ 000000

■ 50499C

■ 50499C

■ 42399C

■ 5E599C

■ 332A9C

■ 6D689C

■ 251A9C

■ 7B789C

■ 170B9C

■ 89879C

■ 0D009C

■ 97979C

■ A6A79C

■ B4B69C

■ C2C69C

■ D1D59C

Harmonies

Analogous

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



0059A7



50499C



84347E

Triad

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



50499C



864104



006653

Complementary

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



50499C



959C49

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.



006328



50499C



665200

Square

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



50499C



992E2E



3D5D00



00667C

Rectangle

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



50499C



962864



3D5D00



006644

Sweetspot

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



50499C



AEABCC



49959C



545366



E6E6E6



666666

Same Dimension

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



50499C



5449CC



79499C



48474F



0C008F



01000F

Inverse Universe

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



9C4995



CC49C1



6C9C49



4F474E



8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 50499C looks on a white background.

Color Contrast Check

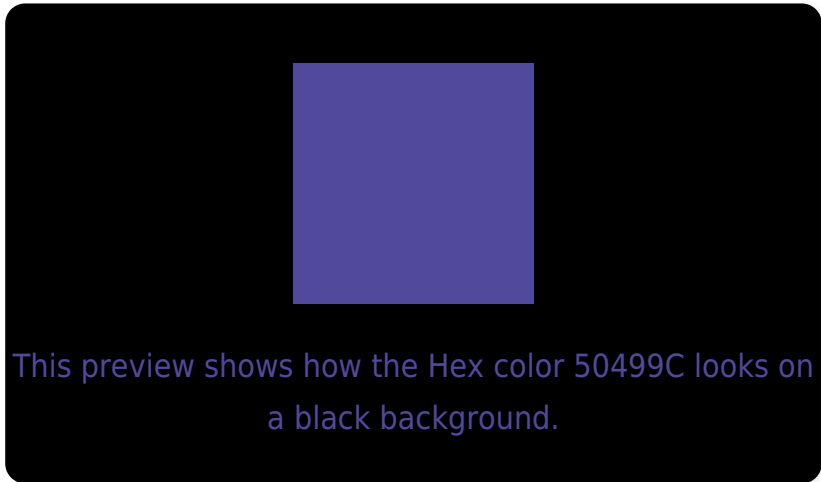
Large Text (above 18pt) WCAG AA ✓ Pass

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

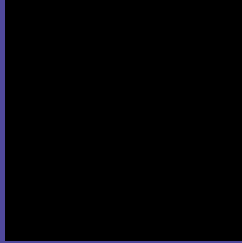
Any Text WCAG AA × Fail

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 50499C Background



This preview shows how black text looks on a background with the Hex color 50499C.

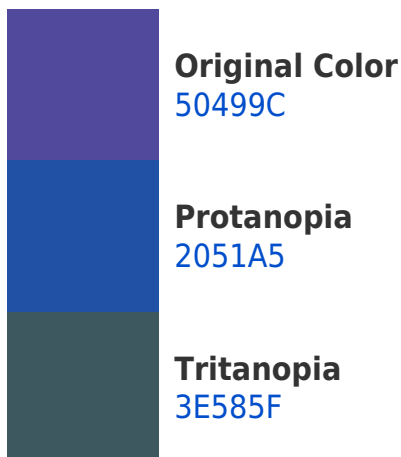


This preview shows how white text looks on a background with the Hex color 50499C.

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



Trichromacy



Original Color
50499C

Protanomaly
314EA2

Tritanomaly
455375

Monochromacy



Original Color
50499C

Achromatopsia
555555

Achromatomaly
53516F

CSS Examples

Text

The CSS property to change the color of the text to Hex 50499C 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 #50499C looks like.

```
.text, #text, p{  
    color:#50499C  
}
```

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 #50499C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50499C
}
```

Border

The CSS property to change the border of an element to Hex 50499C 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".

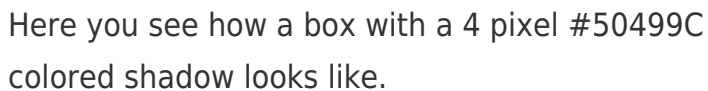
```
.border, #border, table{ border:4px solid
#50499C }
```

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

```
.border{ border-color:#50499C }
```

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

Here you see how a box with a 4 pixel #50499C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50499C; -webkit-box-shadow:4px 4px  
4px 4px #50499C; box-shadow:4px 4px 4px  
4px #50499C }
```

Background

The CSS property to change the background color of an element to Hex 50499C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50499C }
```

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

```
.background{ background-color:#50499C }
```

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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