

Converting Colors

Hex(5C4493)

Have a look what the booklet for
Hex(5C4493) contains.

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Color

Hex(5C4493)

Conversions

Conversions Part 1

Format	Color
Hex	5C4493
RGB	92, 68, 147
RGB Percent	36%, 27%, 58%
CMY	0.6392, 0.7333, 0.4235
CMYK	0.37, 0.54, 0.00, 0.42
HSL	258°, 37%, 42%
HSV	258°, 54%, 58%
XYZ	11.7472, 8.5161, 28.6284
YIQ	84.1820, -11.0550, 29.6570

Conversions

Conversions Part 2

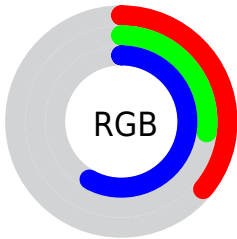
Format	Color
RYB	92, 68, 147
Decimal	6046867
CIELab	35.04, 29.08, -40.14
CIElCh	35, 49.562, 305.924
Yxy	8.5161, 0.2403, 0.1742
Android (android.graphics.Color)	4284236947 (0xFF5C4493)
YUV	84.1820, 30.9693, 6.8564
Hunter-Lab	29.1824, 20.7849, -37.7367

Details

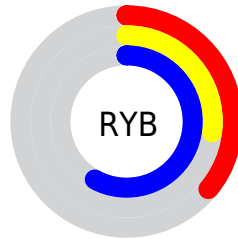
The Hex color **5C4493** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7B9344**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9175CA**, and **281760** is the 20% darker color. If you saturate the color by 10%, you get **523593**, and if you desaturate by 10%, it is **665393**.

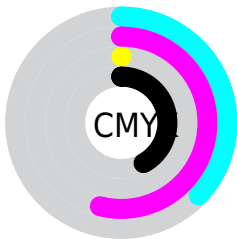
Distribution



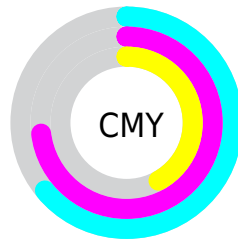
- Red (36%)
- Green (27%)
- Blue (58%)



- Red (36%)
- Yellow (27%)
- Blue (58%)



- Cyan (37%)
- Magenta (54%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4493 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 5C4493 by changing the saturation by 10% instead.

■ 5C4493

■ 5C4493

FFFFFF

■ 422D79

■ 9175CA

■ 281760

■ AD8FE6

■ 0B0147

■ C9A9FF

■ 000030

■ E5C5FF

■ 00011A

■ FFE1FF

■ 000000

FFFEFF

■ 5C4493

■ 5C4493

■ 523593

■ 665393

■ 482793

■ 706193

■ 3D1893

■ 7B7093

■ 330993

■ 857F93

■ 2D0093

■ 8F8E93

■ 999C93

■ A4AB93

■ AEBA93

■ B8C893

Harmonies

Analogous

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



0055A2



5C4493



873073

Triad

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



5C4493



7D4400



006459

Complementary

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



5C4493



7B9344

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.



006230



5C4493



5D5300

Square

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



5C4493



923126



335D04



006380

Rectangle

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



5C4493



95275A



335D04



00644C

Sweetspot

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



5C4493



AAA1BF



447B93



544E61



E0E0E0



616161

Same Dimension

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



5C4493



6A45BF



834493



45434A



2A008A



03000A

Inverse Universe

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



93447B



BF459A



549344



4A4348



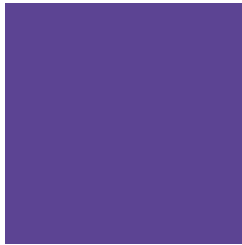
8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 5C4493 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

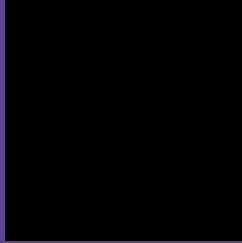
Any Text WCAG AA × Fail

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 5C4493 Background



This preview shows how black text looks on a background with the Hex color 5C4493.

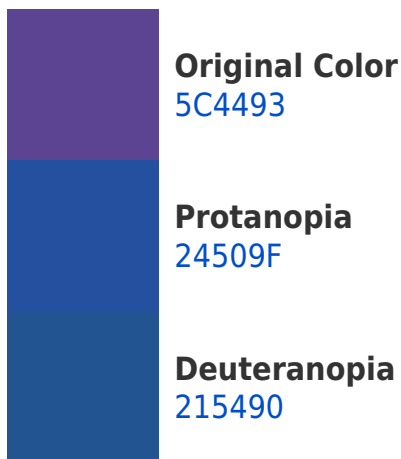


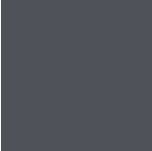
This preview shows how white text looks on a background with the Hex color 5C4493.

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
4F5359

Trichromacy



Original Color
5C4493

Protanomaly
384C9B

Deuteranomaly
364E91

Tritanomaly
544E6E

Monochromacy



Original Color
5C4493

Achromatopsia
545454

Achromatomaly
574E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4493 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 #5C4493 looks like.

```
.text, #text, p{  
    color:#5C4493  
}
```

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 #5C4493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4493
}
```

Border

The CSS property to change the border of an element to Hex 5C4493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

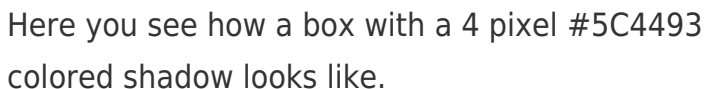
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C4493 }
```

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

```
.border{ border-color:#5C4493 }
```

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



Here you see how a box with a 4 pixel #5C4493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4493; -webkit-box-shadow:4px 4px  
4px 4px #5C4493; box-shadow:4px 4px 4px  
4px #5C4493 }
```

Background

The CSS property to change the background color of an element to Hex 5C4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4493 }
```

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

```
.background{ background-color:#5C4493 }
```

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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