

Converting Colors

Hex(57539C)

Have a look what the booklet for
Hex(57539C) contains.

Hex(57539C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57539C)

Conversions

Conversions Part 1

Format	Color
Hex	57539C
RGB	87, 83, 156
RGB Percent	34%, 33%, 61%
CMY	0.6588, 0.6745, 0.3882
CMYK	0.44, 0.47, 0.00, 0.39
HSL	243°, 31%, 47%
HSV	243°, 47%, 61%
XYZ	13.0245, 10.6130, 32.8145
YIQ	92.5180, -21.0490, 23.5510

Conversions

Conversions Part 2

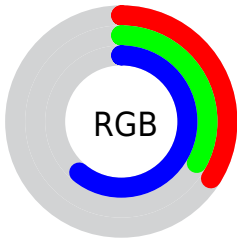
Format	Color
R_{YB}	87, 83, 156
Decimal	5723036
CIE _{Lab}	38.92, 21.05, -39.40
CIE _{LCh}	39, 44.669, 298.113
Yxy	10.6130, 0.2307, 0.1880
Android (android.graphics.Color)	4283913116 (0xFF57539C)
YUV	92.5180, 31.2966, -4.8393
Hunter-Lab	32.5777, 14.3530, -36.9167

Details

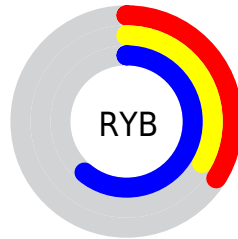
The Hex color **57539C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **989C53**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8C84D3**, and **212668** is the 20% darker color. If you saturate the color by 10%, you get **48439C**, and if you desaturate by 10%, it is **66639C**.

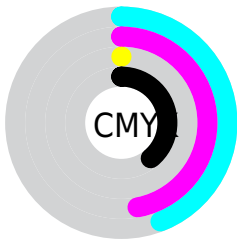
Distribution



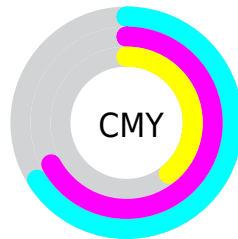
- Red (34%)
- Green (33%)
- Blue (61%)



- Red (34%)
- Yellow (33%)
- Blue (61%)



- Cyan (44%)
- Magenta (47%)
- Yellow (0%)
- Black (39%)



- Cyan (66%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57539C 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 57539C by changing the saturation by 10% instead.

■ 57539C

■ 57539C

FFFFFF

■ 3D3C82

■ 8C84D3

■ 212668

■ A89FF0

■ 001250

■ C4BAFF

■ 000038

■ E1D5FF

■ 000222

■ FEF2FF

■ 000007

■ 000000

■ 57539C

■ 57539C

■ 48439C

■ 66639C

■ 3A349C

■ 74729C

■ 2B249C

■ 83829C

■ 1C159C

■ 92919C

■ 0D059C

■ A1A19C

■ 09009C

■ AFB19C

■ BEC09C

■ CDD09C

■ DCDF9C

Harmonies

Analogous

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



0061A4



57539C



854383

Triad

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



57539C



8B4B1D



006D58

Complementary

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



57539C



989C53

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.



126A33



57539C



705907

Square

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



57539C



9B3D3C



4C6414



006C7D

Rectangle

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



57539C



963A6C



4C6414



006C4B

Sweetspot

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



57539C



B1AFCC



53989C



565566



E6E6E6



666666

Same Dimension

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



57539C



605ACC



7B539C



48474F



08008F



01000F

Inverse Universe

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



9C5398



CC5AC6



749C53



4F474F



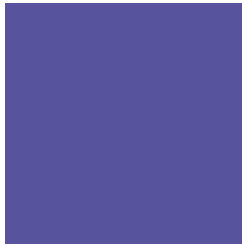
8F0087



0F000E

Previews

White Background



This preview shows how the Hex color 57539C looks on a white background.

Color Contrast Check

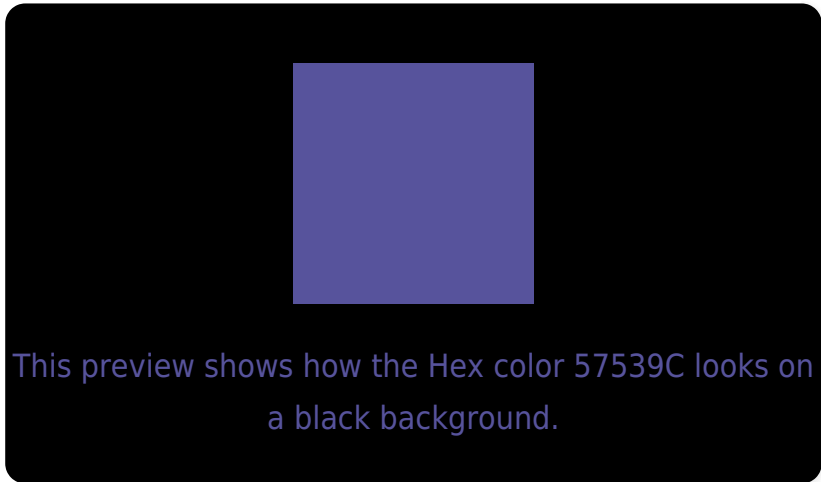
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

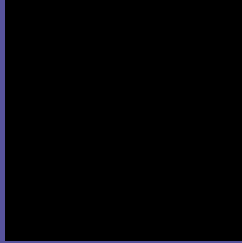
Any Text WCAG AA × Fail

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 57539C Background



This preview shows how black text looks on a background with the Hex color 57539C.

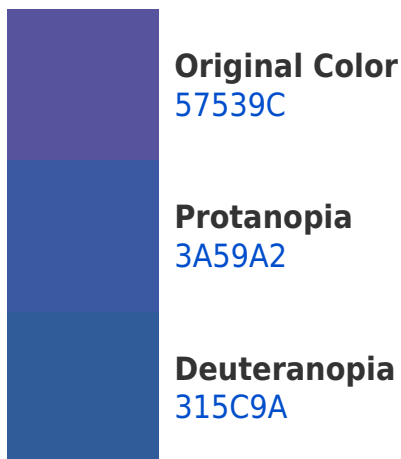


This preview shows how white text looks on a background with the Hex color 57539C.

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
495F67

Trichromacy



Original Color
57539C

Protanomaly
4557A0

Deuteranomaly
3F599B

Tritanomaly
4E5B7A

Monochromacy



Original Color
57539C

Achromatopsia
5D5D5D

Achromatomaly
5B5974

CSS Examples

Text

The CSS property to change the color of the text to Hex 57539C 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 #57539C looks like.

```
.text, #text, p{  
    color:#57539C  
}
```

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 #57539C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57539C
}
```

Border

The CSS property to change the border of an element to Hex 57539C is called "border". The border property can be set on classes, ids or directly on the HTML element.

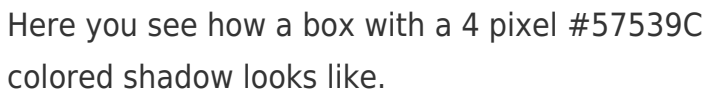
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57539C }
```

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

```
.border{ border-color:#57539C }
```

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



Here you see how a box with a 4 pixel #57539C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57539C; -webkit-box-shadow:4px 4px  
4px 4px #57539C; box-shadow:4px 4px 4px  
4px #57539C }
```

Background

The CSS property to change the background color of an element to Hex 57539C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57539C }
```

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

```
.background{ background-color:#57539C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor