

Converting Colors

Hex(57539E)

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

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Color

Hex(57539E)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | 57539E |
| RGB | 87, 83, 158 |
| RGB Percent | 34%, 33%, 62% |
| CMY | 0.6588, 0.6745, 0.3804 |
| CMYK | 0.45, 0.47, 0.00, 0.38 |
| HSL | 243°, 31%, 47% |
| HSV | 243°, 47%, 62% |
| XYZ | 13.1953, 10.6814, 33.7140 |
| YIQ | 92.7460, -21.6910, 24.1730 |

Conversions

Conversions Part 2

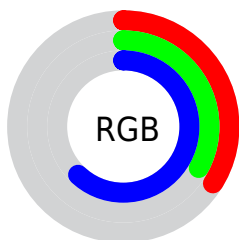
| Format | Color |
|-------------------------------------|--|
| RYB | 87, 83, 158 |
| Decimal | 5723038 |
| CIELab | 39.04, 21.66, -40.41 |
| CIELCh | 39, 45.851, 298.195 |
| Yxy | 10.6814, 0.2291, 0.1855 |
| Android (android.graphics.Color) | 4283913118 (0xFF57539E) |
| YUV | 92.7460, 32.1702, -5.0392 |
| Hunter-Lab | 32.6824, 14.8741, -38.2838 |

Details

The Hex color **57539E** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9A9E53**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8D84D5**, and **21266A** is the 20% darker color. If you saturate the color by 10%, you get **48439E**, and if you desaturate by 10%, it is **66639E**.

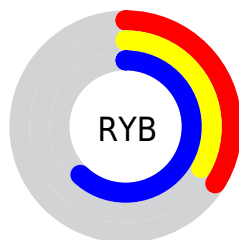
Distribution



Red (34%)

Green (33%)

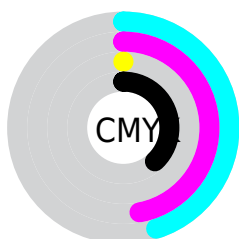
Blue (62%)



Red (34%)

Yellow (33%)

Blue (62%)

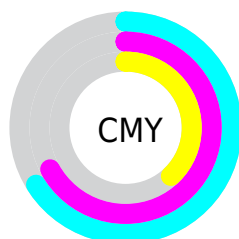


Cyan (45%)

Magenta (47%)

Yellow (0%)

Black (38%)



Cyan (66%)

Magenta (67%)

Yellow (38%)

Brightness & Saturation Gradients

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

 57539E

 57539E

FFFFFF

 3D3C84

 8D84D5

 21266A

 A89FF2

 001251

 C4BAFF

 00003A

 E1D5FF

 000223

 FEF2FF

 00000A

 000000

 57539E

 57539E

 48439E

 66639E

 39339E

 75739E

 2A249E

 84829E

 1B149E

 93929E

 0C049E

 A2A29E

 08009E

 B1B29E

 C0C29E

 CFD19E

 DEE19E

Harmonies

Analogous

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



0061A7



57539E



874284

Triad

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



57539E



8C4B1B



006D58

Complementary

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



57539E



9A9E53

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.



0C6A32



57539E



705903

Square

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



57539E



9D3C3B



4C6411



006D7E

Rectangle

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



57539E



98396C



4C6411



006D4B

Sweetspot

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



57539E



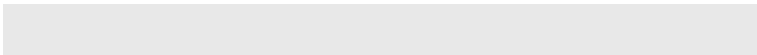
B3B2CF



539A9E



585769



E8E8E8



696969

Same Dimension

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



57539E



5F59CF



7C539E



48474F



08008F



01000F

Inverse Universe

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



9E539A



CF59C8



759E53



4F474F



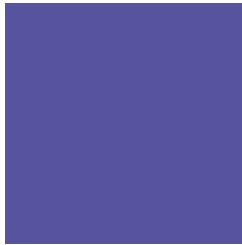
8F0087



0F000E

Previews

White Background



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

Color Contrast Check

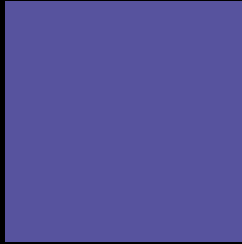
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 57539E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

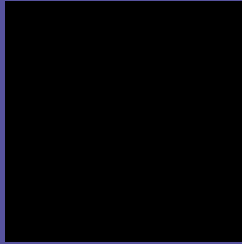
Any Text WCAG AA × Fail

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 57539E Background



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



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

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



Original Color
57539E





Protanopia
3859A4

Deuteranopia
2E5D9C




Tritanopia
486067

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color 57539E |
|  | Protanomaly 4357A2 |
|  | Deuteranomaly 3D599D |
|  | Tritanomaly 4D5B7B |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color 57539E |
|  | Achromatopsia 5D5D5D |
|  | Achromatomaly 5B5975 |

CSS Examples

Text

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

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

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 #57539E colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 57539E 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
#57539E }
```

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

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

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

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

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

Background

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

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

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

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

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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