

Converting Colors

Hex(57849D)

Have a look what the booklet for
Hex(57849D) contains.

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Color

Hex(57849D)

Conversions

Conversions Part 1

Format	Color
Hex	57849D
RGB	87, 132, 157
RGB Percent	34%, 52%, 62%
CMY	0.6588, 0.4824, 0.3843
CMYK	0.45, 0.16, 0.00, 0.38
HSL	201°, 29%, 48%
HSV	201°, 45%, 62%
XYZ	18.2675, 20.9631, 34.9818
YIQ	121.3950, -34.8450, -1.7650

Conversions

Conversions Part 2

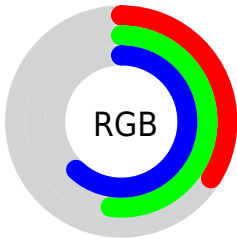
Format	Color
R _Y B	87, 114, 157
Decimal	5735581
CIE _{Lab}	52.91, -8.47, -18.17
CIE _{LCh}	53, 20.050, 244.997
Y _{xy}	20.9631, 0.2462, 0.2825
Android (android.graphics.Color)	4283925661 (0xFF57849D)
Y _{UV}	121.3950, 17.5533, -30.1644
Hunter-Lab	45.7855, -8.9064, -13.2499

Details

The Hex color **57849D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D7057**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8CB9D4**, and **22536A** is the 20% darker color. If you saturate the color by 10%, you get **477E9D**, and if you desaturate by 10%, it is **678A9D**.

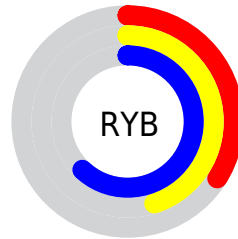
Distribution



Red (34%)

Green (52%)

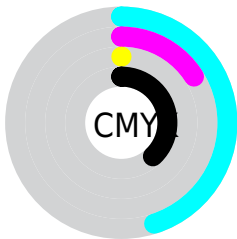
Blue (62%)



Red (34%)

Yellow (45%)

Blue (62%)

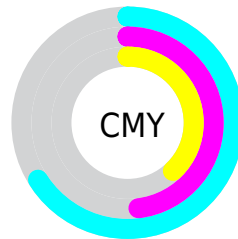


Cyan (45%)

Magenta (16%)

Yellow (0%)

Black (38%)



Cyan (66%)

Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57849D 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 57849D by changing the saturation by 10% instead.

■ 57849D

■ 57849D

FFFFFF

■ 3D6B83

■ 8CB9D4

■ 22536A

■ A7D5F0

■ 003C51

■ C3F1FF

■ 00263A

■ E0FFFF

■ 001125

■ F0FFFF

■ 00010E

■ 000000

■ 57849D

■ 57849D

■ 477E9D

■ 678A9D

■ 38799D

■ 768F9D

■ 28739D

■ 86959D

■ 186E9D

■ 969A9D

■ 08689D

■ A5A09D

■ 00659D

■ B5A69D

■ C5AB9D

■ D5B19D

■ E4B69D

Harmonies

Analogous

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



4C8791



57849D



6D7FA0

Triad

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



57849D



A0727C



758362

Complementary

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



57849D



9D7057

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.



887E5C



57849D



A0746B

Square

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



57849D



97748D



977860



62876F

Rectangle

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



57849D



7D7B9D



977860



7C825F

Sweetspot

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



57849D



B1C3CC



579D70



566066



E6E6E6



666666

Same Dimension

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



57849D



5EA5CC



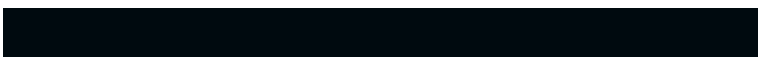
57619D



474C4F



005C8F



000A0F

Inverse Universe

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



9D5784



CC5EA5



9D9357



4F474C



8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 57849D looks on a white background.

Color Contrast Check

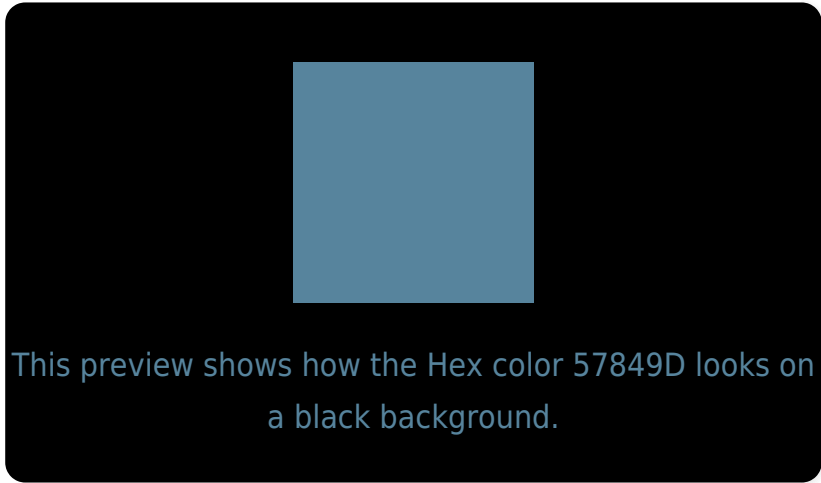
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

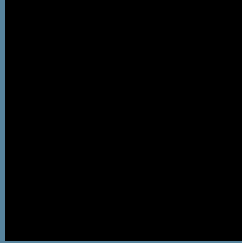
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

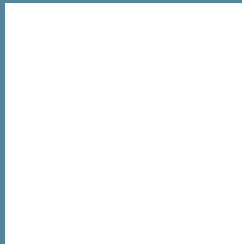
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 57849D Background



This preview shows how black text looks on a background with the Hex color 57849D.

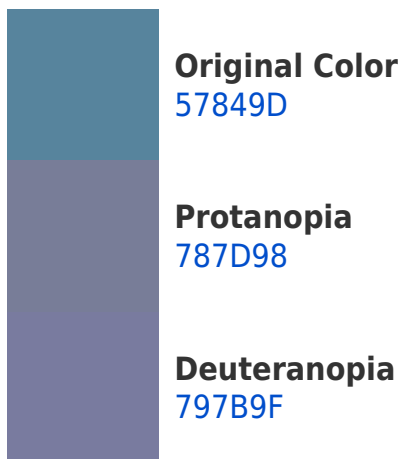


This preview shows how white text looks on a background with the Hex color 57849D.

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](#).

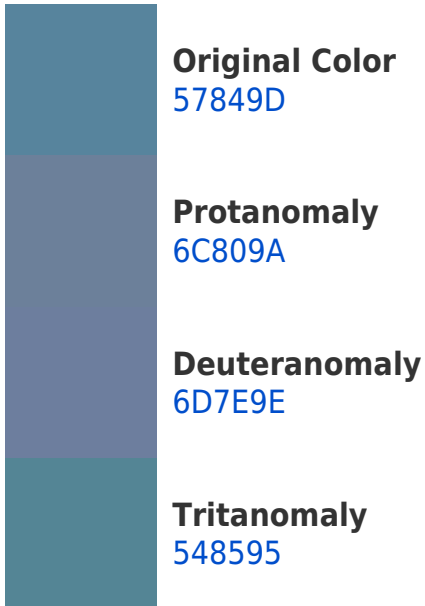
Dichromacy





Tritanopia
538691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57849D 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 #57849D looks like.

```
.text, #text, p{  
    color:#57849D  
}
```

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 #57849D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57849D
}
```

Border

The CSS property to change the border of an element to Hex 57849D 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
#57849D }
```

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

```
.border{ border-color:#57849D }
```

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

Here you see how a box with a 4 pixel #57849D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57849D; -webkit-box-shadow:4px 4px  
4px 4px #57849D; box-shadow:4px 4px 4px  
4px #57849D }
```

Background

The CSS property to change the background color of an element to Hex 57849D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57849D }
```

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

```
.background{ background-color:#57849D }
```

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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