

# Converting Colors

Hex(59599F)

Have a look what the booklet for  
Hex(59599F) contains.

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# Color

**Hex(59599F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59599F
RGB	89, 89, 159
RGB Percent	35%, 35%, 62%
CMY	0.6510, 0.6510, 0.3765
CMYK	0.44, 0.44, 0.00, 0.38
HSL	240°, 28%, 49%
HSV	240°, 44%, 62%
XYZ	13.9502, 11.7718, 34.3378
YIQ	96.9800, -22.4700, 21.7700

# Conversions

## Conversions Part 2

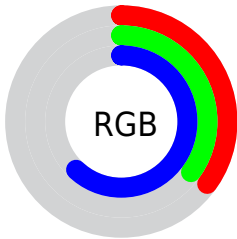
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 89, 159
Decimal	5855647
CIE <sub>Lab</sub>	40.85, 18.70, -38.12
CIE <sub>LCh</sub>	41, 42.454, 296.130
Y <sub>xy</sub>	11.7718, 0.2323, 0.1960
Android (android.graphics.Color)	4284045727 (0xFF59599F)
<b>Y<sub>UV</sub></b>	96.9800, 30.5759, -6.9985
Hunter-Lab	34.3101, 12.5341, -35.3209

# Details

The Hex color **59599F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F9F59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8E8BD6**, and **242C6B** is the 20% darker color. If you saturate the color by 10%, you get **49499F**, and if you desaturate by 10%, it is **69699F**.

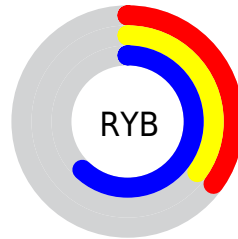
# Distribution



Red (35%)

Green (35%)

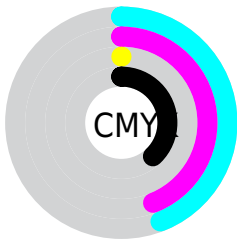
Blue (62%)



Red (35%)

Yellow (35%)

Blue (62%)

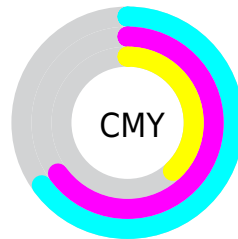


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (65%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59599F 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 59599F by changing the saturation by 10% instead.



■ 59599F

■ 59599F

FFFFFF

■ 3F4285

■ 8E8BD6

■ 242C6B

■ AAA5F3

■ 001752

■ C6C0FF

■ 00003B

■ E3DCFF

■ 000224

■ FFF9FF

■ 00000C

■ 000000

■ 59599F

■ 59599F

■ 49499F

■ 69699F

■ 39399F

■ 79799F

■ 29299F

■ 89899F

■ 19199F

■ 99999F

■ 09099F

■ A9A99F

■ 00009F

■ B8B89F

■ C8C89F

■ D8D89F

■ E8E89F

# Harmonies

## Analogous

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



0066A6



59599F



864A88

# Triad

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



59599F



905026



00715B

# Complementary

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



59599F



9F9F59

# 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.



256E38



59599F



765D15

# Square

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



59599F



9F4344



55671C



00717E

# Rectangle

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



59599F



974272



55671C



00704E



# Sweetspot

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



59599F



B4B4CF



599F9F



585869



E8E8E8



696969



# Same Dimension

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



59599F



6161CF



7C599F



47474F



00008F



00000F



# Inverse Universe

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



9F599F



CF61CF



7C9F59



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 59599F 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

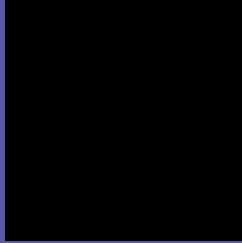
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59599F Background



This preview shows how black text looks on a background with the Hex color 59599F.

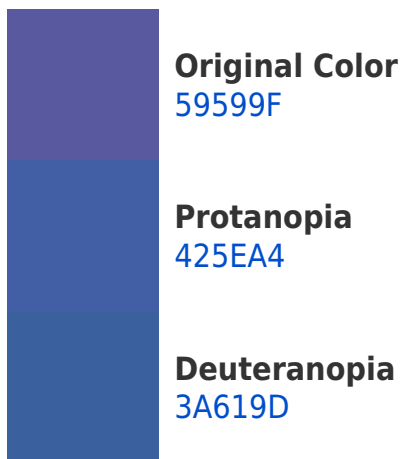



This preview shows how white text looks on a background with the Hex color 59599F.

# 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](#).

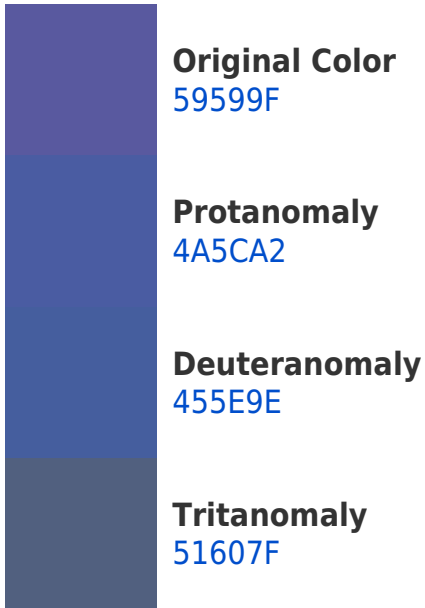
## Dichromacy





**Tritanopia**  
4C646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59599F 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 #59599F looks like.

```
.text, #text, p{  
    color:#59599F  
}
```

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 #59599F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59599F
}
```

## Border

The CSS property to change the border of an element to Hex 59599F 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
#59599F }
```

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

```
.border{ border-color:#59599F }
```

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

Here you see how a box with a 4 pixel #59599F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59599F; -webkit-box-shadow:4px 4px  
4px 4px #59599F; box-shadow:4px 4px 4px  
4px #59599F }
```

# Background

The CSS property to change the background color of an element to Hex 59599F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59599F }
```

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

```
.background{ background-color:#59599F }
```

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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