

# Converting Colors

Hex(599499)

Have a look what the booklet for  
Hex(599499) contains.

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# Color

**Hex(599499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	599499
RGB	89, 148, 153
RGB Percent	35%, 58%, 60%
CMY	0.6510, 0.4196, 0.4000
CMYK	0.42, 0.03, 0.00, 0.40
HSL	185°, 26%, 47%
HSV	185°, 42%, 60%
XYZ	20.4595, 25.6036, 34.0006
YIQ	130.9290, -36.7690, -10.9530

# Conversions

## Conversions Part 2

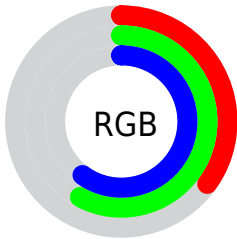
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 120, 153
Decimal	5870745
CIE <sub>Lab</sub>	57.66, -17.84, -8.69
CIE <sub>LCh</sub>	58, 19.843, 205.970
Yxy	25.6036, 0.2555, 0.3198
Android (android.graphics.Color)	4284060825 (0xFF599499)
YUV	130.9290, 10.8810, -36.7717
Hunter-Lab	50.6000, -16.3756, -4.4199

# Details

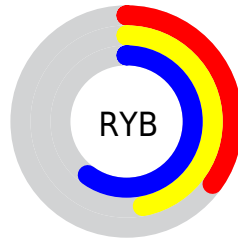
The Hex color **599499** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **995E59**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8ECACF**, and **236166** is the 20% darker color. If you saturate the color by 10%, you get **4A9399**, and if you desaturate by 10%, it is **689599**.

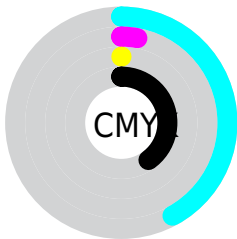
# Distribution



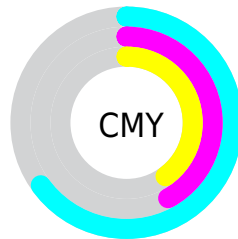
- Red (35%)
- Green (58%)
- Blue (60%)



- Red (35%)
- Yellow (47%)
- Blue (60%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 599499 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 599499 by changing the saturation by 10% instead.



■ 599499

■ 599499

FFFFFF

■ 3F7A7F

■ 8ECACF

■ 236166

■ AAE6EC

■ 00494E

■ C6FFFF

■ 003237

■ E3FFFF

■ 001E22

■ 00000B

■ 000000

■ 599499

■ 599499

■ 4A9399

■ 689599

■ 3A9299

■ 789699

■ 2B9099

■ 879899

■ 1C8F99

■ 969999

■ 0D8E99

■ A59A99

■ 008D99

■ B59B99

■ C49C99

■ D39E99

■ E39F99

# Harmonies

## Analogous

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



629487



599499



5F91A7

# Triad

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



599499



9F819E



9A8968

# Complementary

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



599499



995E59

# 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.



A8836E



599499



AB7E8E

# Square

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



599499



8A87AA



AE7F7C



878E6B

# Rectangle

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



599499



6B8FAC



AE7F7C



9F8769



# Sweetspot

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



599499



ADC5C7



59995D



546263



E3E3E3



636363



# Same Dimension

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



599499



63BFC7



597599



454C4D



00818C



000C0D



# Inverse Universe

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



995994



C763BF



997D59



4D454C



8C0081

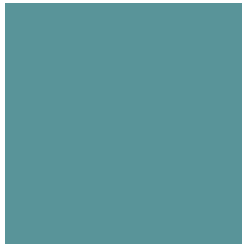


0D000C



# Previews

## White Background



This preview shows how the Hex color 599499 looks on a white background.

## Color Contrast Check

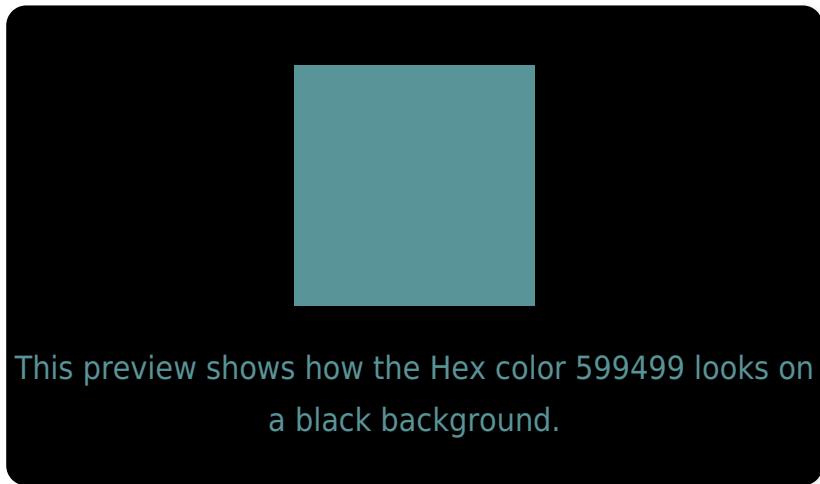
Large Text (above 18pt) WCAG AA ✓ Pass

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

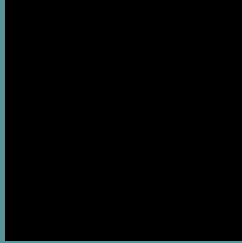
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 599499 Background



This preview shows how black text looks on a background with the Hex color 599499.

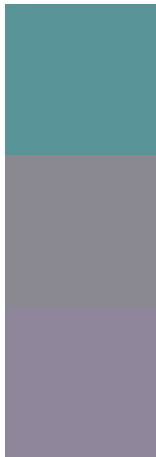


This preview shows how white text looks on a background with the Hex color 599499.

# 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](#).

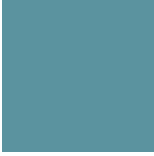
## Dichromacy



**Original Color**  
599499

**Protanopia**  
8A8992

**Deuteranopia**  
8F869C

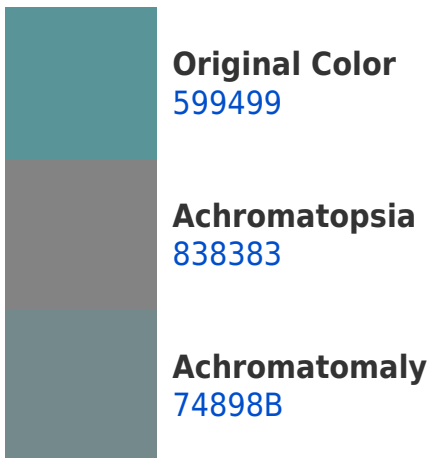


**Tritanopia**  
5B939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 599499 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 #599499 looks like.

```
.text, #text, p{  
    color:#599499  
}
```

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 #599499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599499
}
```

## Border

The CSS property to change the border of an element to Hex 599499 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
#599499 }
```

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

```
.border{ border-color:#599499 }
```

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

Here you see how a box with a 4 pixel #599499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599499; -webkit-box-shadow:4px 4px  
4px 4px #599499; box-shadow:4px 4px 4px  
4px #599499 }
```

# Background

The CSS property to change the background color of an element to Hex 599499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599499 }
```

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

```
.background{ background-color:#599499 }
```

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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