

# Converting Colors

Hex(61849C)

Have a look what the booklet for  
Hex(61849C) contains.

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# Color

Hex(61849C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61849C
RGB	97, 132, 156
RGB Percent	38%, 52%, 61%
CMY	0.6196, 0.4824, 0.3882
CMYK	0.38, 0.15, 0.00, 0.39
HSL	204°, 23%, 50%
HSV	204°, 38%, 61%
XYZ	19.1818, 21.4442, 34.5806
YIQ	124.2710, -28.5640, 0.0440

# Conversions

## Conversions Part 2

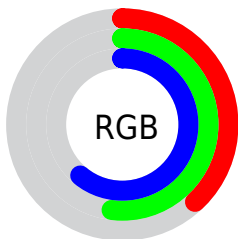
Format	Color
R <sub>Y</sub> B	97, 119, 156
Decimal	6390940
CIE Lab	53.43, -5.99, -16.74
CIE LCh	53, 17.784, 250.303
Yxy	21.4442, 0.2551, 0.2851
Android (android.graphics.Color)	4284581020 (0xFF61849C)
YUV	124.2710, 15.6424, -23.9167
Hunter-Lab	46.3079, -7.1001, -11.8596

# Details

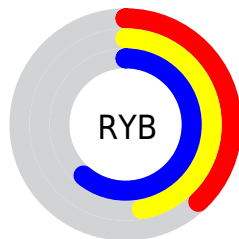
The Hex color **61849C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7961**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **96B9D3**, and **2F5369** is the 20% darker color. If you saturate the color by 10%, you get **517E9C**, and if you desaturate by 10%, it is **718A9C**.

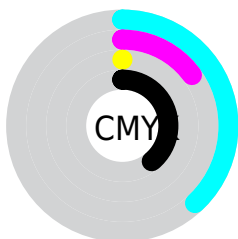
# Distribution



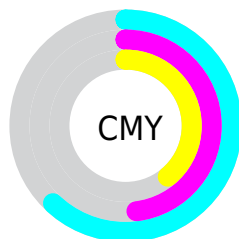
- Red (38%)
- Green (52%)
- Blue (61%)



- Red (38%)
- Yellow (47%)
- Blue (61%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (62%)
- Magenta (48%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61849C 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 61849C by changing the saturation by 10% instead.



■ 61849C

■ 61849C

FFFFFF

■ 486B82

■ 96B9D3

■ 2F5369

■ B1D5EF

■ 143C51

■ CDF1FF

■ 00263A

■ E9FFFF

■ 001124

■ 00010D

■ 000000

■ 61849C

■ 61849C

■ 517E9C

■ 718A9C

■ 42779C

■ 80919C

■ 32719C

■ 90979C

■ 236B9C

■ 9F9D9C

■ 13649C

■ AFA49C

■ 035E9C

■ BFAA9C

■ 005D9C

■ CEB09C

■ DEB79C

■ EDBD9C

# Harmonies

## Analogous

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



558793



61849C



757F9E

# Triad

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



61849C



9F757B



758568

# Complementary

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



61849C



9C7961

# 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.



868062



61849C



9D776D

# Square

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



61849C



98768A



947B63



648875

# Rectangle

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



61849C



827C9A



947B63



7A8365



# Sweetspot

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



61849C



B6C3CC



619C79



596166



E6E6E6



666666



# Same Dimension

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



61849C



70A7CC



61679C



474C4F



00558F



00090F



# Inverse Universe

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



9C6184



CC70A7



9C9661



4F474C



8F0055



0F0009



# Previews

## White Background



This preview shows how the Hex color 61849C looks on a white background.

## Color Contrast Check

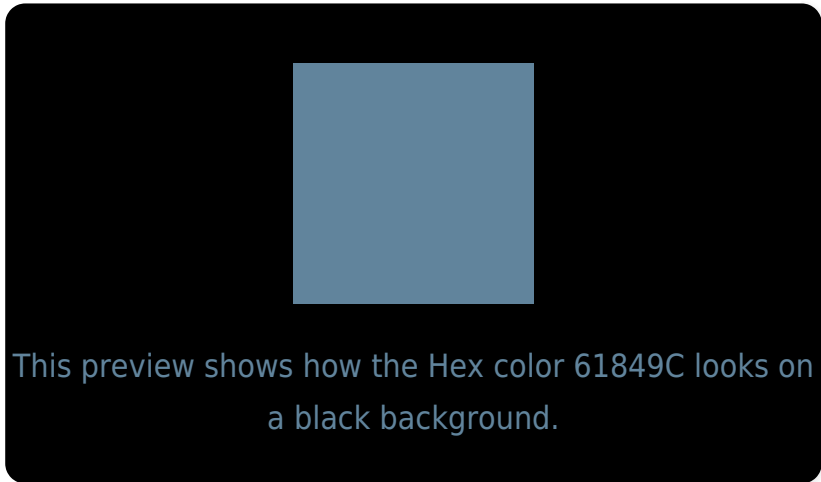
Large Text (above 18pt) WCAG AA ✓ Pass

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

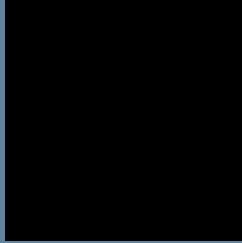
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

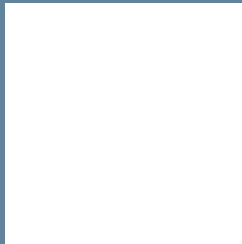
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61849C Background



This preview shows how black text looks on a background with the Hex color 61849C.



This preview shows how white text looks on a background with the Hex color 61849C.

# 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**  
61849C

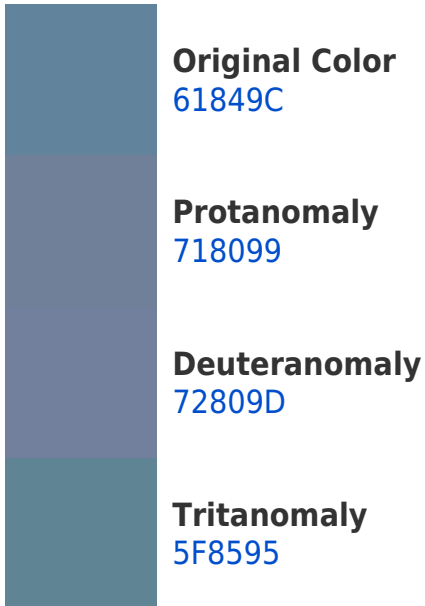
**Protanopia**  
7A7E98

**Deuteranopia**  
7C7D9E



**Tritanopia**  
5E8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61849C 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 #61849C looks like.

```
.text, #text, p{  
    color:#61849C  
}
```

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 #61849C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61849C
}
```

## Border

The CSS property to change the border of an element to Hex 61849C 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
#61849C }
```

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

```
.border{ border-color:#61849C }
```

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

Here you see how a box with a 4 pixel #61849C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61849C; -webkit-box-shadow:4px 4px  
4px 4px #61849C; box-shadow:4px 4px 4px  
4px #61849C }
```

# Background

The CSS property to change the background color of an element to Hex 61849C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61849C }
```

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

```
.background{ background-color:#61849C }
```

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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