

# Converting Colors

Hex(53839C)

Have a look what the booklet for  
Hex(53839C) contains.

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# Color

Hex(53839C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53839C
RGB	83, 131, 156
RGB Percent	33%, 51%, 61%
CMY	0.6745, 0.4863, 0.3882
CMYK	0.47, 0.16, 0.00, 0.39
HSL	201°, 31%, 47%
HSV	201°, 47%, 61%
XYZ	17.6843, 20.4719, 34.4719
YIQ	119.4980, -36.6330, -2.4010

# Conversions

## Conversions Part 2

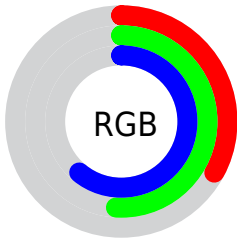
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 112, 156
Decimal	5473180
CIE <sub>Lab</sub>	52.37, -9.24, -18.44
CIE <sub>LCh</sub>	52, 20.624, 243.382
Yxy	20.4719, 0.2435, 0.2819
Android (android.graphics.Color)	4283663260 (0xFF53839C)
YUV	119.4980, 17.9955, -32.0087
Hunter-Lab	45.2459, -9.4137, -13.4997

# Details

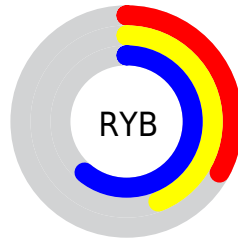
The Hex color **53839C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C6C53**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **88B8D3**, and **1C5269** is the 20% darker color. If you saturate the color by 10%, you get **437E9C**, and if you desaturate by 10%, it is **63889C**.

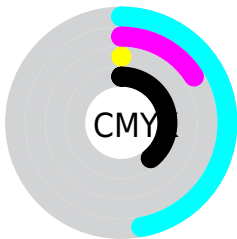
# Distribution



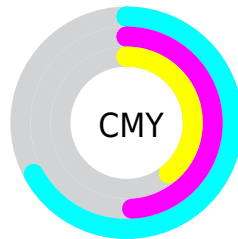
- Red (33%)
- Green (51%)
- Blue (61%)



- Red (33%)
- Yellow (44%)
- Blue (61%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53839C 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 53839C by changing the saturation by 10% instead.



■ 53839C

■ 53839C

FFFFFF

■ 396A82

■ 88B8D3

■ 1C5269

■ A4D4EF

■ 003B51

■ C0F0FF

■ 002539

■ DCFFFF

■ 001124

■ F9FFFF

■ 00010D

■ 000000

■ 53839C

■ 53839C

■ 437E9C

■ 63889C

■ 34789C

■ 728E9C

■ 24739C

■ 82939C

■ 156E9C

■ 91989C

■ 05689C

■ A19E9C

■ 00679C

■ B1A39C

■ C0A89C

■ D0AE9C

■ DFB39C

# Harmonies

## Analogous

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



488690



53839C



6A7EA0

# Triad

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



53839C



A0707C



75825F

# Complementary

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



53839C



9C6C53

# 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.



887C5A



53839C



A0726A

# Square

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



53839C



95728D



97765E



60856D

# Rectangle

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



53839C



7A7A9D



97765E



7B805C



# Sweetspot

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



53839C



AFC2CC



539C6B



556066



E6E6E6



666666



# Same Dimension

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



53839C



5AA5CC



535F9C



474C4F



005E8F



000A0F



# Inverse Universe

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



9C5383



CC5AA5



9C9053



4F474C



8F005E



0F000A



# Previews

## White Background



This preview shows how the Hex color 53839C looks on a white background.

## Color Contrast Check

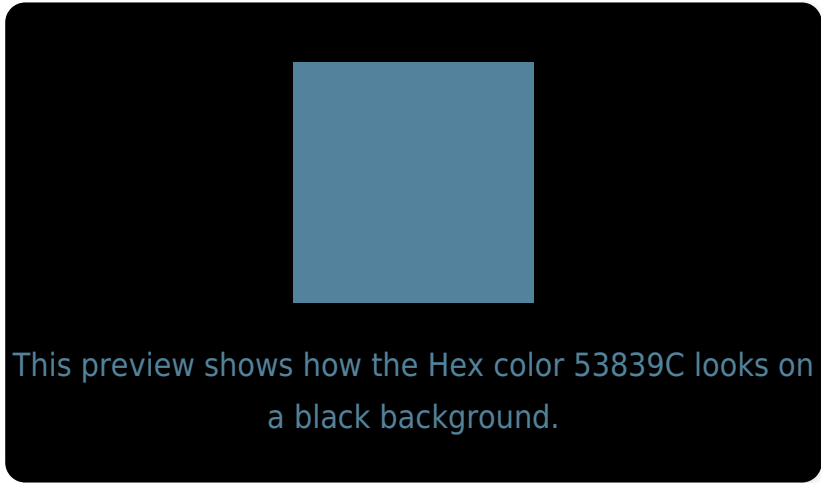
Large Text (above 18pt) WCAG AA ✓ Pass

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

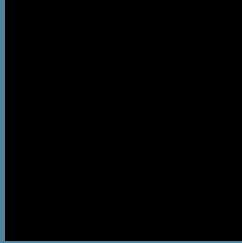
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 53839C Background



This preview shows how black text looks on a background with the Hex color 53839C.

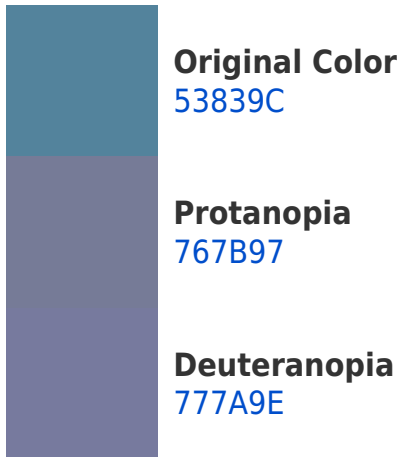


This preview shows how white text looks on a background with the Hex color 53839C.

# 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](#).

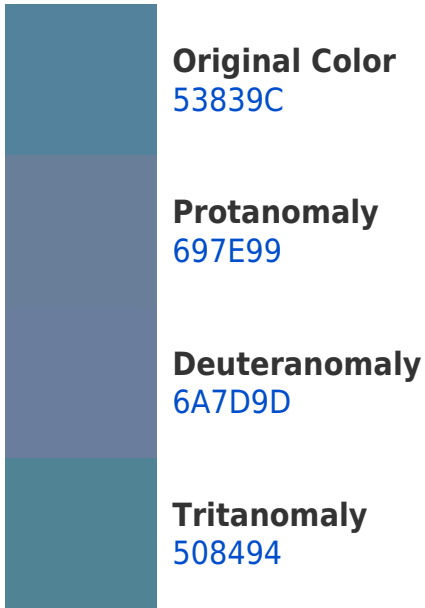
## Dichromacy





**Tritanopia**  
4F8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53839C 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 #53839C looks like.

```
.text, #text, p{  
    color:#53839C  
}
```

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 #53839C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53839C  
}
```

## Border

The CSS property to change the border of an element to Hex 53839C 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  
#53839C }
```

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

```
.border{ border-color:#53839C }
```

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

Here you see how a box with a 4 pixel #53839C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53839C; -webkit-box-shadow:4px 4px  
4px 4px #53839C; box-shadow:4px 4px 4px  
4px #53839C }
```

# Background

The CSS property to change the background color of an element to Hex 53839C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53839C }
```

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

```
.background{ background-color:#53839C }
```

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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