

# Converting Colors

Hex(5A939C)

Have a look what the booklet for  
Hex(5A939C) contains.

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# Color

Hex(5A939C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A939C
RGB	90, 147, 156
RGB Percent	35%, 58%, 61%
CMY	0.6471, 0.4235, 0.3882
CMYK	0.42, 0.06, 0.00, 0.39
HSL	188°, 27%, 48%
HSV	188°, 42%, 61%
XYZ	20.6509, 25.4414, 35.2748
YIQ	130.9830, -36.8610, -9.2850

# Conversions

## Conversions Part 2

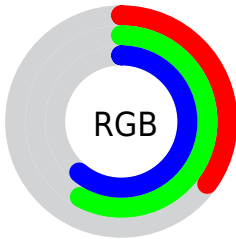
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 121, 156
Decimal	5936028
CIE <sub>Lab</sub>	57.50, -16.24, -10.63
CIE <sub>LCh</sub>	58, 19.408, 213.218
Yxy	25.4414, 0.2538, 0.3127
Android (android.graphics.Color)	4284126108 (0xFF5A939C)
YUV	130.9830, 12.3334, -35.9421
Hunter-Lab	50.4395, -15.1876, -6.1567

# Details

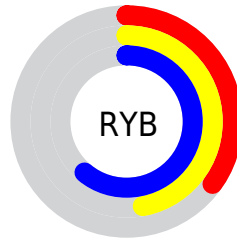
The Hex color **5A939C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C635A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8FC9D2**, and **246069** is the 20% darker color. If you saturate the color by 10%, you get **4A919C**, and if you desaturate by 10%, it is **6A959C**.

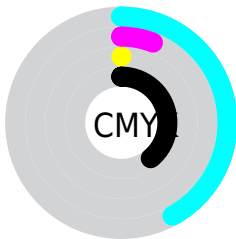
# Distribution



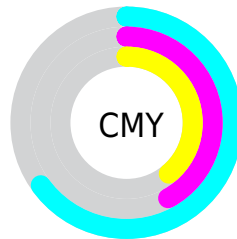
- Red (35%)
- Green (58%)
- Blue (61%)



- Red (35%)
- Yellow (47%)
- Blue (61%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (42%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A939C 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 5A939C by changing the saturation by 10% instead.



■ 5A939C

■ 5A939C

FFFFFF

■ 407982

■ 8FC9D2

■ 246069

■ ABE5EF

■ 004851

■ C7FFFF

■ 00323A

■ E4FFFF

■ 001D24

■ 00010F

■ 000000

■ 5A939C

■ 5A939C

■ 4A919C

■ 6A959C

■ 3B8F9C

■ 79979C

■ 2B8D9C

■ 89999C

■ 1C8A9C

■ 989C9C

■ 0C889C

■ A89E9C

■ 00879C

■ B8A09C

■ C7A29C

■ D7A49C

■ E6A69C

# Harmonies

## Analogous

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



5F948B



5A939C



6490A8

# Triad

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



5A939C



A2809A



958A68

# Complementary

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



5A939C



9C635A

# 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.



A4846C



5A939C



AC7E89

# Square

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



5A939C



8F85A6



AC7F78



828F6D

# Rectangle

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



5A939C



718DAB



AC7F78



9B8869



# Sweetspot

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



5A939C



B1C8CC



5A9C63



566466



E6E6E6



666666



# Same Dimension

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



5A939C



64BECC



5A729C



474E4F



007B8F



000D0F



# Inverse Universe

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



9C5A93



CC64BE



9C845A



4F474E



8F007B

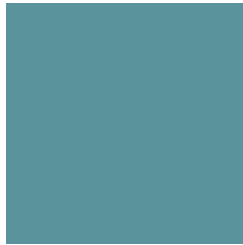


0F000D



# Previews

## White Background



This preview shows how the Hex color 5A939C looks on a white background.

## Color Contrast Check

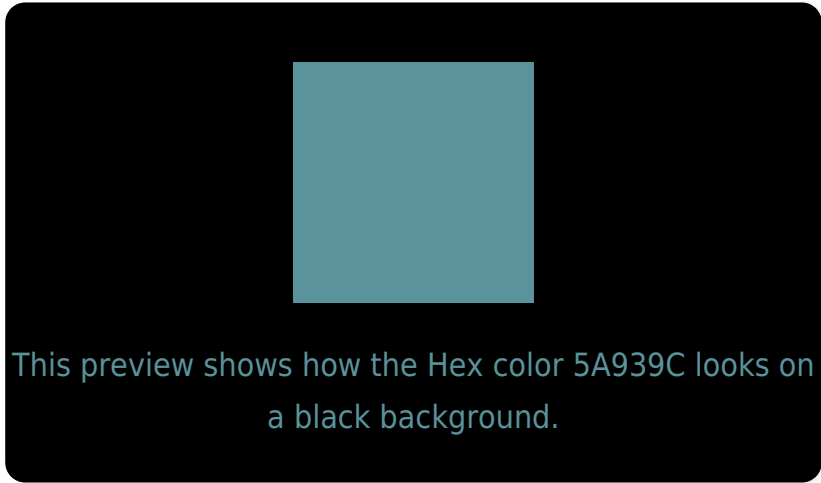
Large Text (above 18pt) WCAG AA ✓ Pass

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

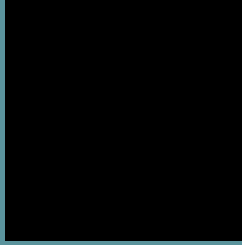
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A939C Background



This preview shows how black text looks on a background with the Hex color 5A939C.

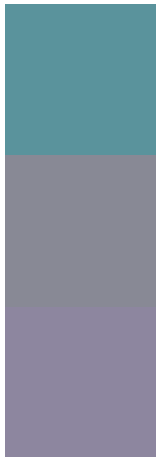


This preview shows how white text looks on a background with the Hex color 5A939C.

# 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**  
5A939C

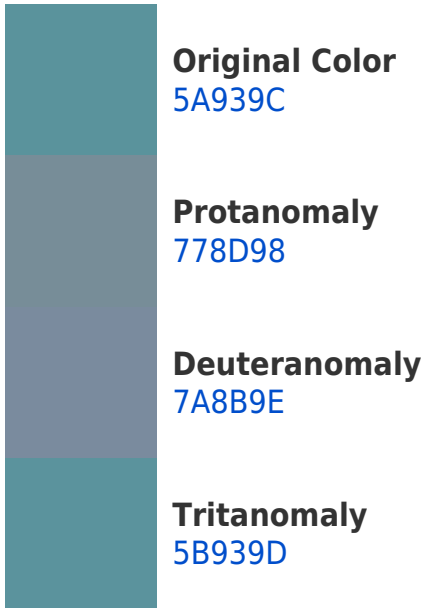
**Protanopia**  
888995

**Deuteranopia**  
8D869F



**Tritanopia**  
5B939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A939C 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 #5A939C looks like.

```
.text, #text, p{  
    color:#5A939C  
}
```

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 #5A939C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A939C
}
```

## Border

The CSS property to change the border of an element to Hex 5A939C 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
#5A939C }
```

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

```
.border{ border-color:#5A939C }
```

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

Here you see how a box with a 4 pixel #5A939C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A939C; -webkit-box-shadow:4px 4px  
4px 4px #5A939C; box-shadow:4px 4px 4px  
4px #5A939C }
```

# Background

The CSS property to change the background color of an element to Hex 5A939C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A939C }
```

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

```
.background{ background-color:#5A939C }
```

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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