

# Converting Colors

Hex(51869C)

Have a look what the booklet for  
Hex(51869C) contains.

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# Color

**Hex(51869C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51869C
RGB	81, 134, 156
RGB Percent	32%, 53%, 61%
CMY	0.6824, 0.4745, 0.3882
CMYK	0.48, 0.14, 0.00, 0.39
HSL	198°, 32%, 46%
HSV	198°, 48%, 61%
XYZ	17.9192, 21.1998, 34.6000
YIQ	120.6610, -38.6500, -4.3940

# Conversions

## Conversions Part 2

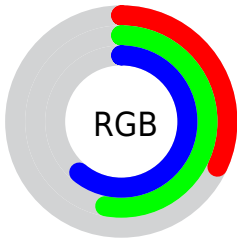
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 112, 156
Decimal	5342876
CIE Lab	53.17, -11.43, -17.23
CIE LCh	53, 20.675, 236.424
Yxy	21.1998, 0.2431, 0.2876
Android (android.graphics.Color)	4283532956 (0xFF51869C)
YUV	120.6610, 17.4221, -34.7827
Hunter-Lab	46.0433, -11.1068, -12.3242

# Details

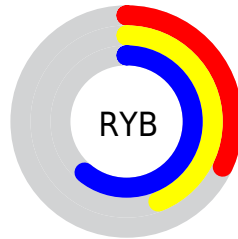
The Hex color **51869C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C6751**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **87BBD3**, and **195469** is the 20% darker color. If you saturate the color by 10%, you get **41819C**, and if you desaturate by 10%, it is **618B9C**.

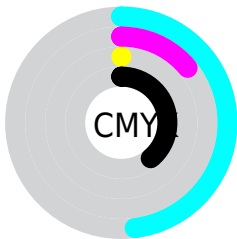
# Distribution



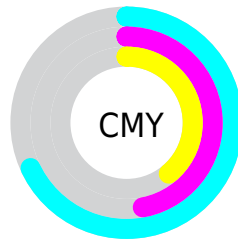
- Red (32%)
- Green (53%)
- Blue (61%)



- Red (32%)
- Yellow (44%)
- Blue (61%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (68%)
- Magenta (47%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51869C 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 51869C by changing the saturation by 10% instead.



■ 51869C

■ 51869C

FFFFFF

■ 366D82

■ 87BBD3

■ 195469

■ A2D7EF

■ 003D51

■ BEF3FF

■ 00273A

■ DBFFFF

■ 001424

■ F8FFFF

■ 00010D

■ 000000

■ 51869C

■ 51869C

■ 41819C

■ 618B9C

■ 327D9C

■ 708F9C

■ 22789C

■ 80949C

■ 13749C

■ 8F989C

■ 036F9C

■ 9F9D9C

■ 006E9C

■ AFA19C

■ BEA69C

■ CEAB9C

■ DDAF9C

# Harmonies

## Analogous

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



4A898E



51869C



6681A2

# Triad

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



51869C



A07282



7B835F

# Complementary

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



51869C



9C6751

# 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.



8E7D5C



51869C



A37370

# Square

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



51869C



947593



9C7762



67876B

# Rectangle

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



51869C



777DA1



9C7762



82815D



# Sweetspot

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



51869C



AFC4CC



519C66



556166



E6E6E6



666666



# Same Dimension

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



51869C



56A9CC



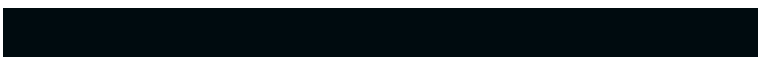
51619C



474D4F



00658F



000B0F



# Inverse Universe

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



9C5186



CC56A9



9C8C51



4F474D



8F0065



0F000B



# Previews

## White Background



This preview shows how the Hex color 51869C looks on a white background.

## Color Contrast Check

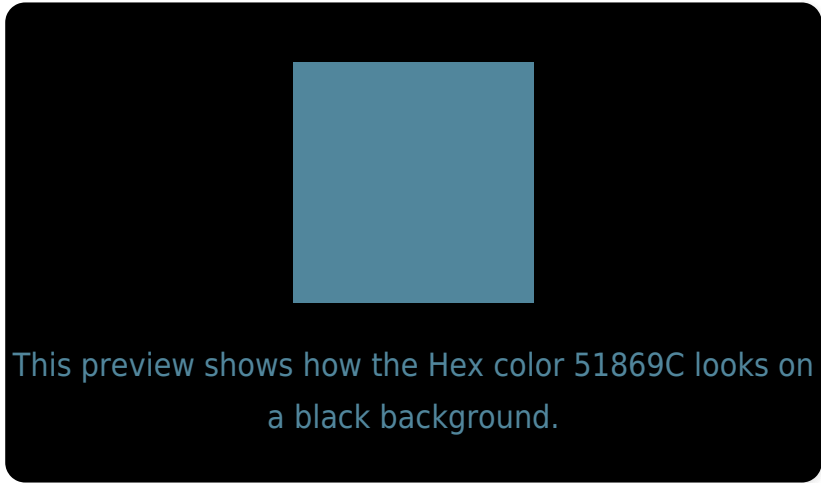
Large Text (above 18pt) WCAG AA ✓ Pass

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

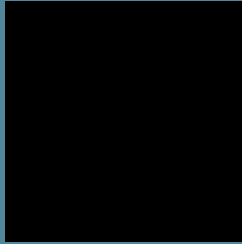
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 51869C Background



This preview shows how black text looks on a background with the Hex color 51869C.



This preview shows how white text looks on a background with the Hex color 51869C.

# 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](#).

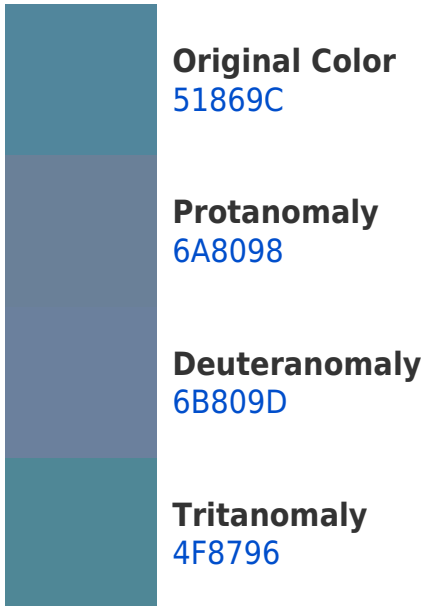
## Dichromacy





**Tritanopia**  
4E8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51869C 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 #51869C looks like.

```
.text, #text, p{  
    color:#51869C  
}
```

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 #51869C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51869C
}
```

## Border

The CSS property to change the border of an element to Hex 51869C 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
#51869C }
```

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

```
.border{ border-color:#51869C }
```

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

Here you see how a box with a 4 pixel #51869C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51869C; -webkit-box-shadow:4px 4px  
4px 4px #51869C; box-shadow:4px 4px 4px  
4px #51869C }
```

# Background

The CSS property to change the background color of an element to Hex 51869C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51869C }
```

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

```
.background{ background-color:#51869C }
```

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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