

# Converting Colors

Hex(51A39F)

Have a look what the booklet for  
Hex(51A39F) contains.

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**Color**

**Hex(51A39F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51A39F
RGB	81, 163, 159
RGB Percent	32%, 64%, 62%
CMY	0.6824, 0.3608, 0.3765
CMYK	0.50, 0.00, 0.02, 0.36
HSL	177°, 34%, 48%
HSV	177°, 50%, 64%
XYZ	22.7485, 30.4469, 37.4788
YIQ	138.0260, -47.5880, -18.6280

# Conversions

## Conversions Part 2

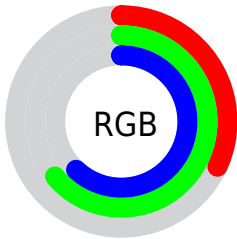
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 123, 163
Decimal	5350303
CIELab	62.04, -25.93, -5.62
CIElCh	62, 26.534, 192.220
Yxy	30.4469, 0.2509, 0.3358
Android (android.graphics.Color)	4283540383 (0xFF51A39F)
YUV	138.0260, 10.3402, -50.0118
Hunter-Lab	55.1787, -22.9726, -1.6461

# Details

The Hex color **51A39F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A35155**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89DAD6**, and **106F6C** is the 20% darker color. If you saturate the color by 10%, you get **41A39E**, and if you desaturate by 10%, it is **61A3A0**.

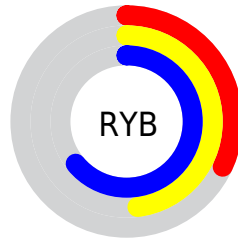
# Distribution



Red (32%)

Green (64%)

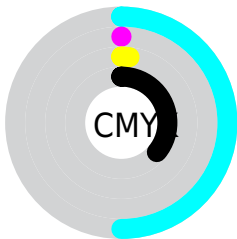
Blue (62%)



Red (32%)

Yellow (48%)

Blue (64%)

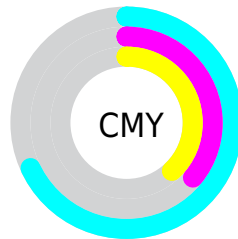


Cyan (50%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51A39F 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 51A39F by changing the saturation by 10% instead.



 51A39F

 51A39F

FFFFFF

 348985

 89DAD6

 106F6C

 A5F7F2

 005653

 C1FFFF

 003E3C

 DEFFFF

 002827

 FCFFFF

 000E13

 000000

 51A39F

 51A39F

 41A39E

 61A3A0

■ 30A39D

■ 72A3A1

■ 20A39D

■ 82A3A1

■ 10A39C

■ 92A3A2

■ 00A39B

■ A3A3A3

■ B3A3A4

■ C3A3A5

■ D3A3A5

■ E4A3A6

# Harmonies

## Analogous

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



67A287



51A39F



4DA1B5

# Triad

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



51A39F



A58DB9



B3906A

# Complementary

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



51A39F



A35155

# 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.



C18877



51A39F



BC86A5

# Square

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



51A39F



8695C4



C5858D



9D9868

# Rectangle

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



51A39F



5A9EBF



C5858D



B98D6D



# Sweetspot

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



51A39F



B4D4D2



55A351



586B6A



EBEBEB



6B6B6B



# Same Dimension

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



51A39F



55D4CD



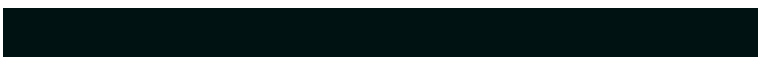
517EA3



495251



00918A



001211



# Inverse Universe

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



A35155



D4555B



A37651



52494A



910007

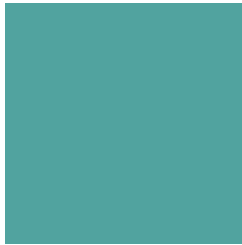


120001



# Previews

## White Background



This preview shows how the Hex color 51A39F looks on a white background.

## Color Contrast Check

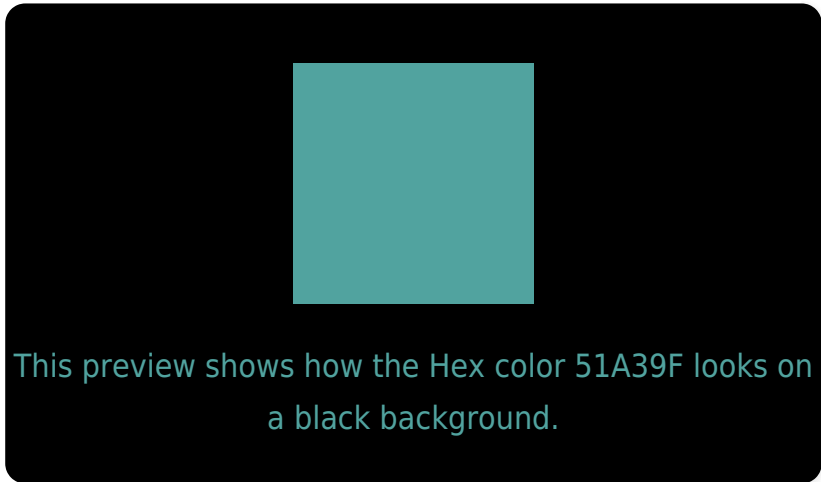
Large Text (above 18pt) WCAG AA × Fail

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

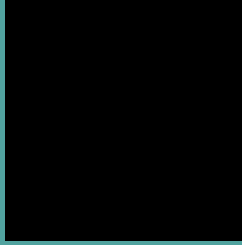
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51A39F Background



This preview shows how black text looks on a background with the Hex color 51A39F.

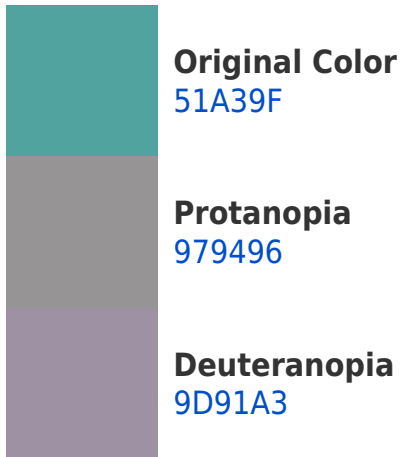


This preview shows how white text looks on a background with the Hex color 51A39F.

# 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](#).

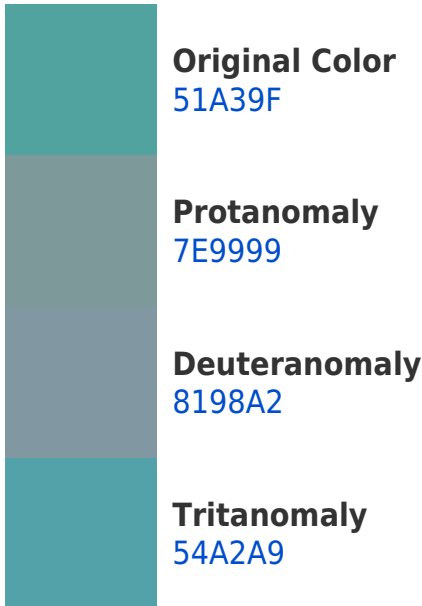
## Dichromacy



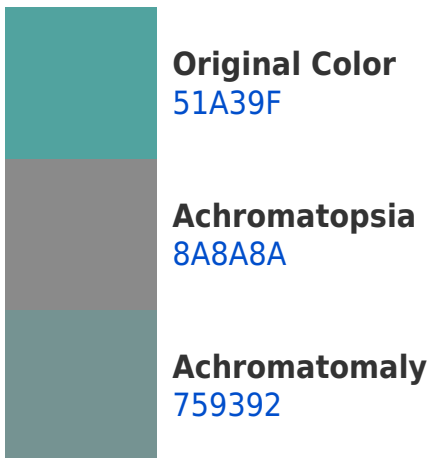


**Tritanopia**  
56A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51A39F 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 #51A39F looks like.

```
.text, #text, p{  
    color:#51A39F  
}
```

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 #51A39F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A39F
}
```

## Border

The CSS property to change the border of an element to Hex 51A39F 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
#51A39F }
```

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

```
.border{ border-color:#51A39F }
```

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

Here you see how a box with a 4 pixel #51A39F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A39F; -webkit-box-shadow:4px 4px  
4px 4px #51A39F; box-shadow:4px 4px 4px  
4px #51A39F }
```

# Background

The CSS property to change the background color of an element to Hex 51A39F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A39F }
```

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

```
.background{ background-color:#51A39F }
```

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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