

# Converting Colors

Hex(57AB9F)

Have a look what the booklet for  
Hex(57AB9F) contains.

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**Color**

**Hex(57AB9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57AB9F
RGB	87, 171, 159
RGB Percent	34%, 67%, 62%
CMY	0.6588, 0.3294, 0.3765
CMYK	0.49, 0.00, 0.07, 0.33
HSL	171°, 33%, 51%
HSV	171°, 49%, 67%
XYZ	24.7514, 33.6553, 37.9925
YIQ	144.5160, -46.2120, -21.5400

# Conversions

## Conversions Part 2

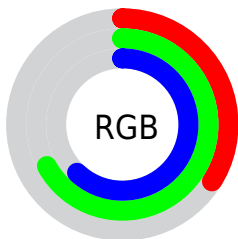
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 132, 171
Decimal	5745567
CIELab	64.69, -28.50, -1.68
CIELCh	65, 28.549, 183.383
Yxy	33.6553, 0.2568, 0.3491
Android (android.graphics.Color)	4283935647 (0xFF57AB9F)
YUV	144.5160, 7.1406, -50.4415
Hunter-Lab	58.0132, -25.3657, 1.7805

# Details

The Hex color **57AB9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB5763**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8EE3D6**, and **1A766C** is the 20% darker color. If you saturate the color by 10%, you get **46AB9D**, and if you desaturate by 10%, it is **68ABA1**.

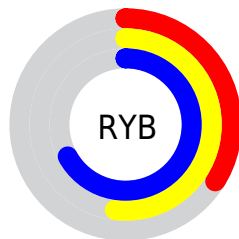
# Distribution



Red (34%)

Green (67%)

Blue (62%)



Red (34%)

Yellow (52%)

Blue (67%)

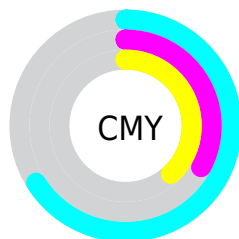


Cyan (49%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57AB9F 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 57AB9F by changing the saturation by 10% instead.





57AB9F



57AB9F

FFFFFF



3B9085



8EE3D6



1A766C



ABFFF2



005D53



C7FFFF



00453C



E4FFFF



002E27



001912



000000



57AB9F



57AB9F



46AB9D



68ABA1

■ 35AB9A

■ 79ABA4

■ 24AB98

■ 8AABA6

■ 13AB95

■ 9BABA9

■ 01AB93

■ ACABAB

■ 00AB93

■ BEABAE

■ CFABBO

■ E0ABB3

■ F1ABB5

# Harmonies

## Analogous

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



73A985



57AB9F



4AAAB8

# Triad

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



57AB9F



A495C7



C29470

# Complementary

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



57AB9F



AB5763

# 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.



CE8C82



57AB9F



C08DB4

# Square

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



57AB9F



809ECF



CE8A9B



AC9C6A

# Rectangle

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



57AB9F



53A7C5



CE8A9B



C79175



# Sweetspot

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



57AB9F



BDD9D9



64AB57



5C706D



F0F0F0



707070



# Same Dimension

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



57AB9F



5BDECB



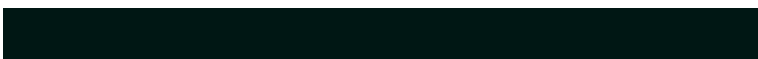
578EAB



4E5755



009681



001714



# Inverse Universe

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



AB5763



DE5B6E



AB7457



574E4F



960015

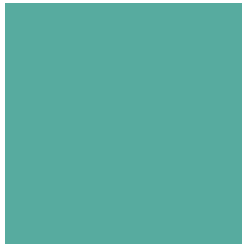


170003



# Previews

## White Background



This preview shows how the Hex color 57AB9F looks on a white background.

## Color Contrast Check

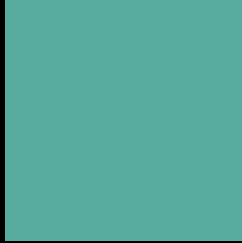
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 57AB9F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

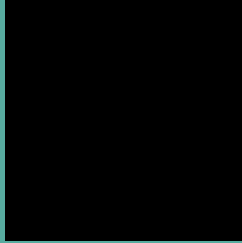
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57AB9F Background



This preview shows how black text looks on a background with the Hex color 57AB9F.

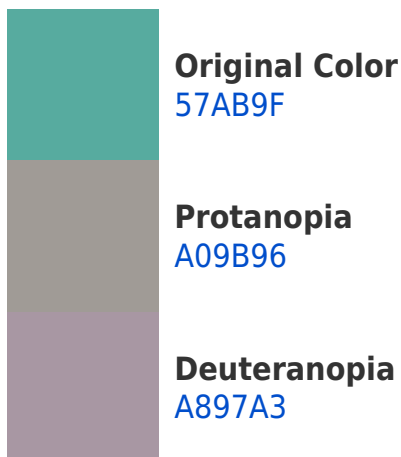


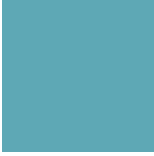
This preview shows how white text looks on a background with the Hex color 57AB9F.

# 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](#).

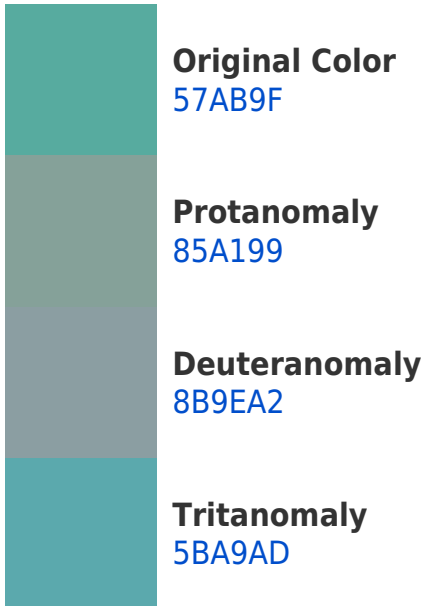
## Dichromacy





**Tritanopia**  
5EA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57AB9F 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 #57AB9F looks like.

```
.text, #text, p{  
    color:#57AB9F  
}
```

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 #57AB9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AB9F
}
```

## Border

The CSS property to change the border of an element to Hex 57AB9F 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
#57AB9F }
```

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

```
.border{ border-color:#57AB9F }
```

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

Here you see how a box with a 4 pixel #57AB9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AB9F; -webkit-box-shadow:4px 4px  
4px 4px #57AB9F; box-shadow:4px 4px 4px  
4px #57AB9F }
```

# Background

The CSS property to change the background color of an element to Hex 57AB9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AB9F }
```

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

```
.background{ background-color:#57AB9F }
```

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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