

# Converting Colors

Hex(57C19A)

Have a look what the booklet for  
Hex(57C19A) contains.

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**Color**

**Hex(57C19A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C19A
RGB	87, 193, 154
RGB Percent	34%, 76%, 60%
CMY	0.6588, 0.2431, 0.3961
CMYK	0.55, 0.00, 0.20, 0.24
HSL	158°, 46%, 55%
HSV	158°, 55%, 76%
XYZ	28.8332, 42.4993, 37.2554
YIQ	156.8600, -50.6570, -34.6010

# Conversions

## Conversions Part 2

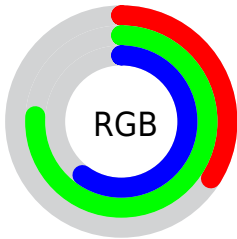
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">87, 152, 193</a>
Decimal	<a href="#">5751194</a>
CIELab	<a href="#">71.21, -39.96, 10.48</a>
CIELCh	<a href="#">71, 41.313, 165.301</a>
Yxy	<a href="#">42.4993, 0.2655, 0.3914</a>
Android (android.graphics.Color)	<a href="#">4283941274 (0xFF57C19A)</a>
YUV	<a href="#">156.8600, -1.4100, -61.2672</a>
Hunter-Lab	<a href="#">65.1915, -35.1372, 11.7512</a>

# Details

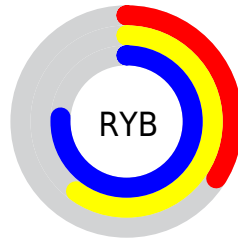
The Hex color **57C19A** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C1577E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90FAD0**, and **108B67** is the 20% darker color. If you saturate the color by 10%, you get **44C193**, and if you desaturate by 10%, it is **6AC1A1**.

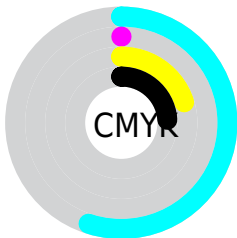
# Distribution



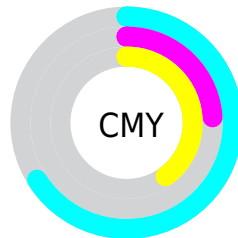
- Red (34%)
- Green (76%)
- Blue (60%)



- Red (34%)
- Yellow (60%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C19A 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 57C19A by changing the saturation by 10% instead.



 57C19A

 57C19A

FFFFFF

 39A580

 90FAD0

 108B67

 ADF FED

 00714F

 CAFFFF

 005738

 E8FFFF

 003F22

 00290D

 000800

 000000

 57C19A

 57C19A

■ 44C193

■ 6AC1A1

■ 30C18C

■ 7EC1A8

■ 1DC185

■ 91C1AF

■ 0AC17E

■ A4C1B6

■ 00C17A

■ B8C1BE

■ CBC1C5

■ DEC1CC

■ F1C1D3

■ FFC1DA

# Harmonies

## Analogous

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



89BC78



57C19A



00C2C1

# Triad

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



57C19A



96ABF7



EF997A

# Complementary

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



57C19A



C1577E

# 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.



F7919C



57C19A



CB9DE4

# Square

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



57C19A



51B8F7



EC93C2



D7A665

# Rectangle

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



57C19A



00C1D9



EC93C2



F49585

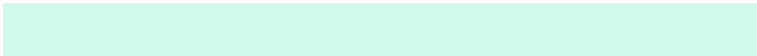


# Sweetspot

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



57C19A



D2FAEB



80C157



657D74



FCFCFC



7D7D7D



# Same Dimension

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



57C19A



55FABD



57B5C1



57615D



00A166



002115



# Inverse Universe

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



C1577E



FA5592



C16357



61575B



A1003B

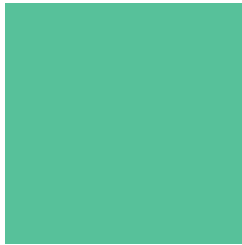


21000C



# Previews

## White Background



This preview shows how the Hex color 57C19A 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 57C19A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

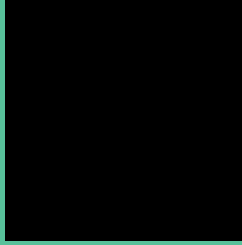
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57C19A Background



This preview shows how black text looks on a background with the Hex color 57C19A.

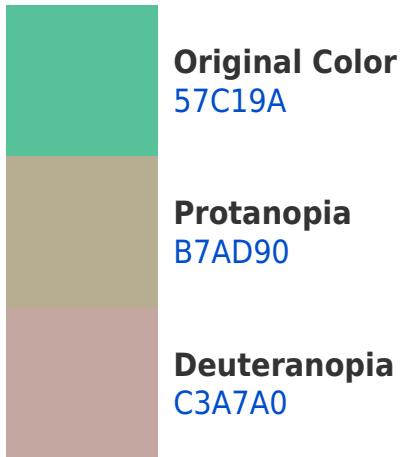


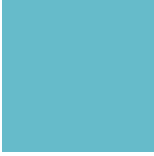
This preview shows how white text looks on a background with the Hex color 57C19A.

# 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**  
66BBCA

# Trichromacy



**Original Color**  
57C19A



**Protanomaly**  
94B494



**Deuteranomaly**  
9CB09E



**Tritanomaly**  
61BDB9

# Monochromacy



**Original Color**  
57C19A



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
84AA9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C19A 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 #57C19A looks like.

```
.text, #text, p{  
  color:#57C19A  
}
```

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 #57C19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C19A
}
```

## Border

The CSS property to change the border of an element to Hex 57C19A 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
#57C19A }
```

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

```
.border{ border-color:#57C19A }
```

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

Here you see how a box with a 4 pixel #57C19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C19A; -webkit-box-shadow:4px 4px  
4px 4px #57C19A; box-shadow:4px 4px 4px  
4px #57C19A }
```

# Background

The CSS property to change the background color of an element to Hex 57C19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C19A }
```

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

```
.background{ background-color:#57C19A }
```

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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