

# Converting Colors

Hex(59C57F)

Have a look what the booklet for  
Hex(59C57F) contains.

<b>Hex(59C57F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(59C57F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59C57F
RGB	89, 197, 127
RGB Percent	35%, 77%, 50%
CMY	0.6510, 0.2275, 0.5020
CMYK	0.55, 0.00, 0.36, 0.23
HSL	141°, 48%, 56%
HSV	141°, 55%, 77%
XYZ	27.9168, 43.5887, 27.0208
YIQ	156.7280, -41.8980, -44.6660

# Conversions

## Conversions Part 2

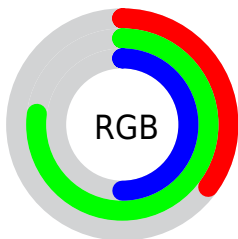
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 169, 197
Decimal	5883263
CIELab	71.95, -46.74, 25.96
CIELCh	72, 53.468, 150.954
Yxy	43.5887, 0.2833, 0.4424
Android (android.graphics.Color)	4284073343 (0xFF59C57F)
YUV	156.7280, -14.6559, -59.3975
Hunter-Lab	66.0217, -40.0604, 21.9495

# Details

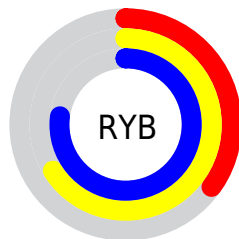
The Hex color **59C57F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C5599F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **92FEB4**, and **148E4D** is the 20% darker color. If you saturate the color by 10%, you get **45C572**, and if you desaturate by 10%, it is **6DC58C**.

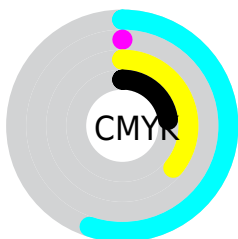
# Distribution



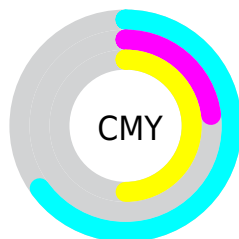
- Red (35%)
- Green (77%)
- Blue (50%)



- Red (35%)
- Yellow (66%)
- Blue (77%)



- Cyan (55%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (65%)
- Magenta (23%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59C57F 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 59C57F by changing the saturation by 10% instead.



 59C57F

 59C57F

FFFFFF

 3BA966

 92FEB4

 148E4D

 AFFFD0

 007436

 CCFEFC

 005A1F

 EAFFFF

 004208

 002C00

 000D00

 000000

 59C57F

 59C57F

 45C572

 6DC58C

 32C565

 80C599

 1EC559

 94C5A5

 0AC54C

 A8C5B2

 00C545

 BCC5BF

 CFC5CC

 E3C5D8

 F7C5E5

 FFC5F2

# Harmonies

## Analogous

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



99BC59



59C57F



00C9B0

# Triad

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



59C57F



58B5FF



FF8C81

# Complementary

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



59C57F



C5599F

# 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.



FF87B1



59C57F



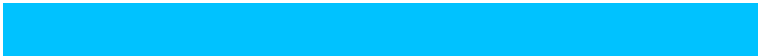
B5A3FF

# Square

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



59C57F



00C2FF



EE90E1



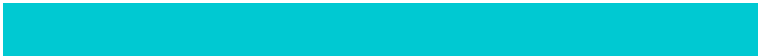
F29C5B

# Rectangle

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



59C57F



00C9D2



EE90E1



FF8990

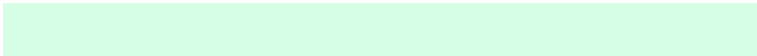


# Sweetspot

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



59C57F



D6FFE5



9FC559



678070



000000



808080



# Same Dimension

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



59C57F



57FF92



59C5B5



5A635D



00A339



00240D



# Inverse Universe

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



C5599F



FF57C4



C55969



635A60



A3006A



240017



# Previews

## White Background



This preview shows how the Hex color 59C57F looks on a white background.

## Color Contrast Check

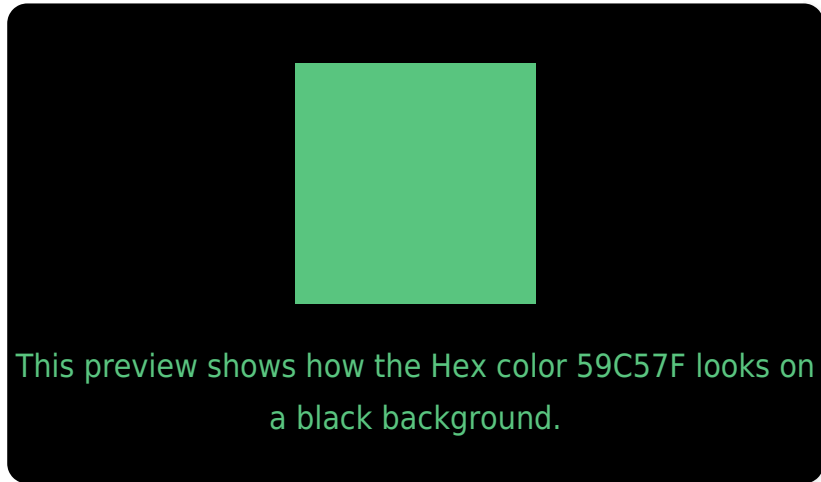
Large Text (above 18pt) WCAG AA × Fail

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

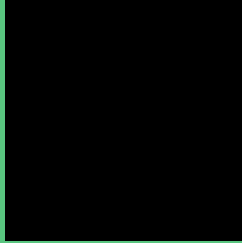
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59C57F Background



This preview shows how black text looks on a background with the Hex color 59C57F.

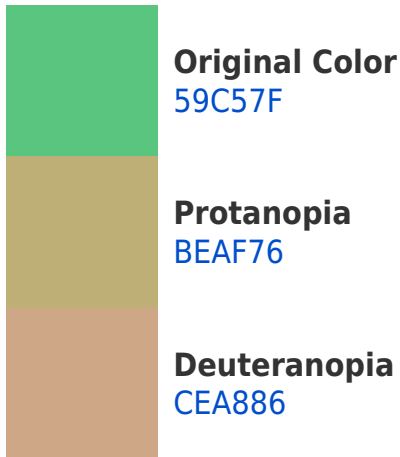


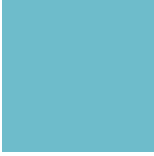
This preview shows how white text looks on a background with the Hex color 59C57F.

# 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**  
6EBCCB

# Trichromacy



**Original Color**  
59C57F



**Protanomaly**  
99B779



**Deuteranomaly**  
A3B383



**Tritanomaly**  
66BFAF

# Monochromacy



**Original Color**  
59C57F



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
84AC92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59C57F 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 #59C57F looks like.

```
.text, #text, p{  
    color:#59C57F  
}
```

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 #59C57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C57F
}
```

## Border

The CSS property to change the border of an element to Hex 59C57F 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
#59C57F }
```

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

```
.border{ border-color:#59C57F }
```

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

Here you see how a box with a 4 pixel #59C57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C57F; -webkit-box-shadow:4px 4px  
4px 4px #59C57F; box-shadow:4px 4px 4px  
4px #59C57F }
```

# Background

The CSS property to change the background color of an element to Hex 59C57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C57F }
```

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

```
.background{ background-color:#59C57F }
```

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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