

# Converting Colors

Hex(57C18F)

Have a look what the booklet for  
Hex(57C18F) contains.

<b>Hex(57C18F)</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(57C18F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C18F
RGB	87, 193, 143
RGB Percent	34%, 76%, 56%
CMY	0.6588, 0.2431, 0.4392
CMYK	0.55, 0.00, 0.26, 0.24
HSL	152°, 46%, 55%
HSV	152°, 55%, 76%
XYZ	27.9584, 42.1493, 32.6487
YIQ	155.6060, -47.1260, -38.0220

# Conversions

## Conversions Part 2

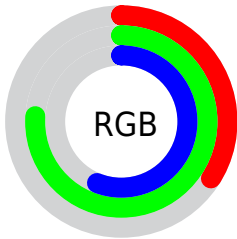
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 156, 193
Decimal	5751183
CIELab	70.97, -42.36, 16.09
CIELCh	71, 45.312, 159.200
Yxy	42.1493, 0.2721, 0.4102
Android (android.graphics.Color)	4283941263 (0xFF57C18F)
YUV	155.6060, -6.2148, -60.1675
Hunter-Lab	64.9225, -36.7448, 15.6296

# Details

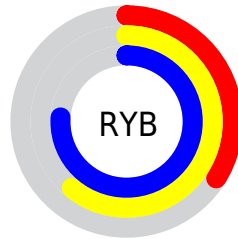
The Hex color **57C18F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15789**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **90FAC5**, and **118B5D** is the 20% darker color. If you saturate the color by 10%, you get **44C186**, and if you desaturate by 10%, it is **6AC198**.

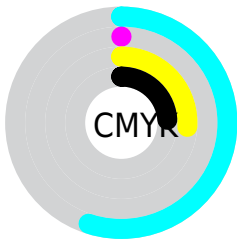
# Distribution



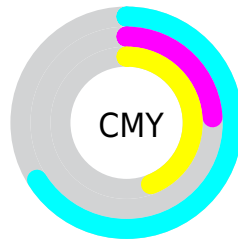
- Red (34%)
- Green (76%)
- Blue (56%)



- Red (34%)
- Yellow (61%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C18F 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 57C18F by changing the saturation by 10% instead.




 57C18F

 57C18F

FFFFFF

 39A575

 90FAC5

 118B5D

 ADFFE1

 007045

 CAFFFE

 00572E

 E7FFFF

 003F19

 002900

 000700

 000000

 57C18F

 57C18F

■ 44C186

■ 6AC198

■ 30C17D

■ 7EC1A1

■ 1DC174

■ 91C1AA

■ 0AC16B

■ A4C1B3

■ 00C166

■ B8C1BD

■ CBC1C6

■ DEC1CF

■ F1C1D8

■ FFC1E1

# Harmonies

## Analogous

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



8EBA6C



57C18F



00C3BA

# Triad

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



57C18F



83AEFF



F7937C

# Complementary

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



57C18F



C15789

# 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.



FC8CA2



57C18F



C29EEE

# Square

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



57C18F



15BAFA



EB91CC



DFA161

# Rectangle

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



57C18F



00C2D5



EB91CC



FB9088

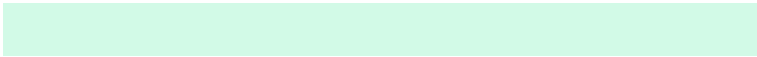


# Sweetspot

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



57C18F



D2FAE7



8AC157



657D72



FCFCFC



7D7D7D



# Same Dimension

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



57C18F



55FAAC



57BFC1



57615C



00A155



002112



# Inverse Universe

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



C15789



FA55A3



C15957



61575C



A1004C



210010



# Previews

## White Background



This preview shows how the Hex color 57C18F looks on a white background.

## Color Contrast Check

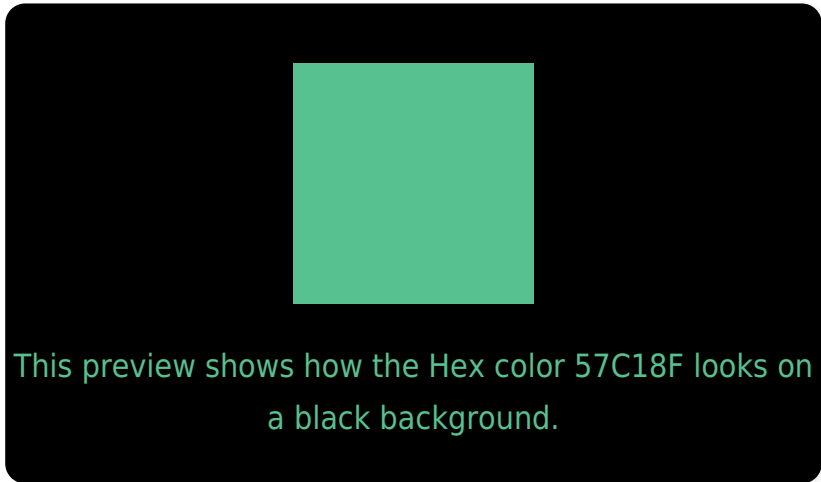
Large Text (above 18pt) WCAG AA × Fail

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

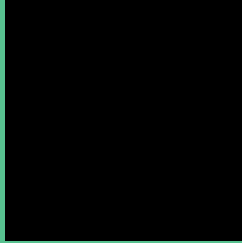
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57C18F Background



This preview shows how black text looks on a background with the Hex color 57C18F.

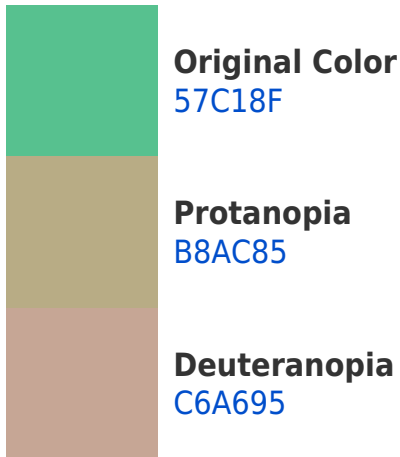


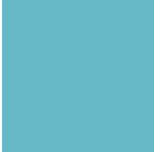
This preview shows how white text looks on a background with the Hex color 57C18F.

# 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**  
68B9C8

# Trichromacy



**Original Color**  
57C18F



**Protanomaly**  
95B489



**Deuteranomaly**  
9EB093



**Tritanomaly**  
62BCB3

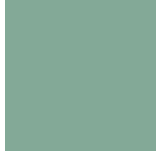
# Monochromacy



**Original Color**  
57C18F



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
83A997

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C18F 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 #57C18F looks like.

```
.text, #text, p{  
    color:#57C18F  
}
```

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 #57C18F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C18F
}
```

## Border

The CSS property to change the border of an element to Hex 57C18F 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
#57C18F }
```

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

```
.border{ border-color:#57C18F }
```

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

Here you see how a box with a 4 pixel #57C18F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C18F; -webkit-box-shadow:4px 4px  
4px 4px #57C18F; box-shadow:4px 4px 4px  
4px #57C18F }
```

# Background

The CSS property to change the background color of an element to Hex 57C18F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C18F }
```

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

```
.background{ background-color:#57C18F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor