

# Converting Colors

Hex(5FC08F)

Have a look what the booklet for  
Hex(5FC08F) contains.

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**Color**

**Hex(5FC08F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FC08F
RGB	95, 192, 143
RGB Percent	37%, 75%, 56%
CMY	0.6275, 0.2471, 0.4392
CMYK	0.51, 0.00, 0.26, 0.25
HSL	150°, 43%, 56%
HSV	150°, 51%, 75%
XYZ	28.5269, 42.1153, 32.6122
YIQ	157.4110, -42.0830, -35.8030

# Conversions

## Conversions Part 2

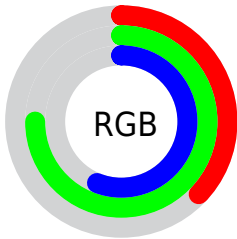
Format	Color
<a href="#">RYB</a>	<a href="#">95, 160, 192</a>
Decimal	<a href="#">6275215</a>
CIELab	<a href="#">70.95, -40.02, 16.10</a>
CIELCh	<a href="#">71, 43.137, 158.085</a>
Yxy	<a href="#">42.1153, 0.2763, 0.4079</a>
Android (android.graphics.Color)	<a href="#">4284465295 (0xFF5FC08F)</a>
YUV	<a href="#">157.4110, -7.1046, -54.7344</a>
Hunter-Lab	<a href="#">64.8963, -35.1042, 15.6326</a>

# Details

The Hex color **5FC08F** 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 **C05F90**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **97F9C5**, and **228A5D** is the 20% darker color. If you saturate the color by 10%, you get **4CC085**, and if you desaturate by 10%, it is **72C099**.

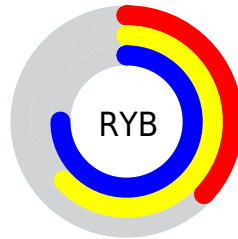
# Distribution



Red (37%)

Green (75%)

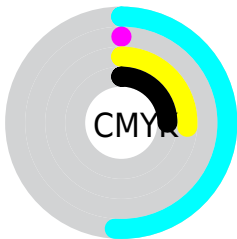
Blue (56%)



Red (37%)

Yellow (63%)

Blue (75%)

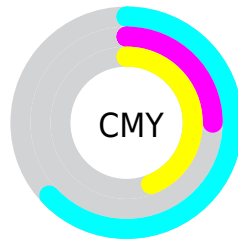


Cyan (51%)

Magenta (0%)

Yellow (26%)

Black (25%)



Cyan (63%)

Magenta (25%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FC08F 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 5FC08F by changing the saturation by 10% instead.





5FC08F



5FC08F

FFFFFF



42A475



97F9C5



228A5D



B4FFE1



007045



D0FFE



00572E



EEFFF



003E19



002900



000700



000000



5FC08F



5FC08F

 4CC085

 72C099

 39C07C

 85C0A2

 25C072

 99C0AC

 12C068

 ACC0B6

 00C05F

 BFC0BF

 D2C0C9

 E5C0D3

 F9C0DD

 FFC0E6

# Harmonies

## Analogous

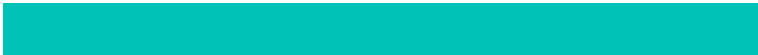
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92B96E



5FC08F



00C2B7

# Triad

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



5FC08F



83AEFB



F4947F

# Complementary

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



5FC08F



C05F90

# 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.



F98EA4



5FC08F



C09FEC

# Square

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



5FC08F



2CBAF6



E793CC



DFA165

# Rectangle

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



5FC08F



00C2D1



E793CC



F8918B

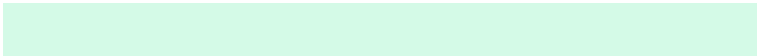


# Sweetspot

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



5FC08F



D4FAE7



91C05F



667D72



FCFCFC



7D7D7D



# Same Dimension

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



5FC08F



61FAAD



5FC0BE



57615C



00A14F



002110



# Inverse Universe

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



C05F90



FA61AE



C05F61



61575C



A10051



210011



# Previews

## White Background



This preview shows how the Hex color 5FC08F looks on a white background.

## Color Contrast Check

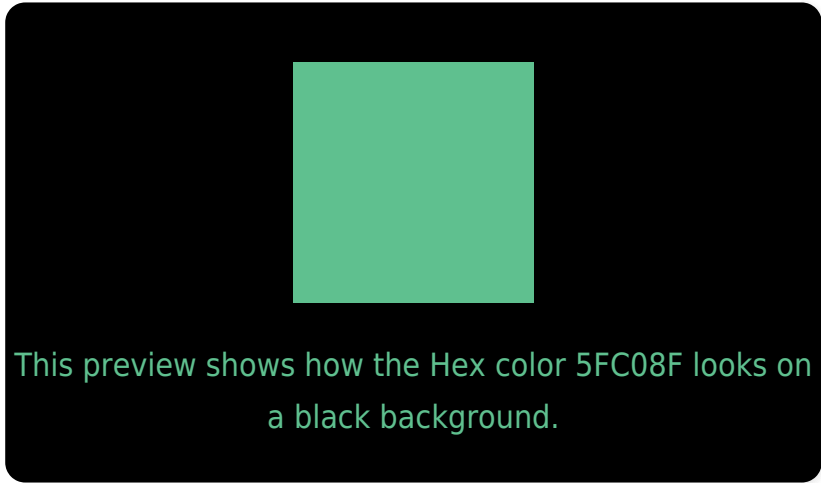
Large Text (above 18pt) WCAG AA × Fail

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 5FC08F Background



This preview shows how black text looks on a background with the Hex color 5FC08F.

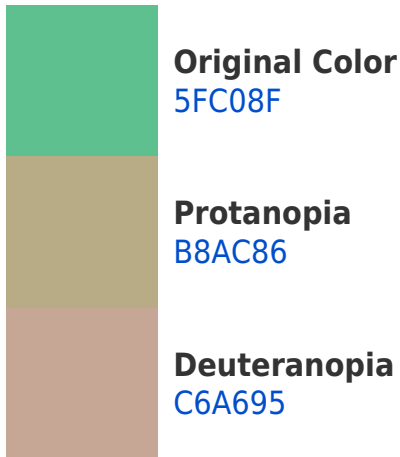


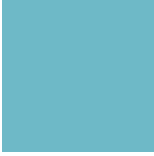
This preview shows how white text looks on a background with the Hex color 5FC08F.

# 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](#).

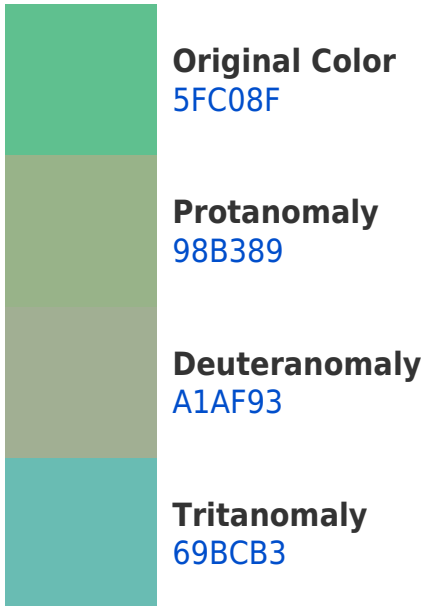
## Dichromacy





**Tritanopia**  
6EB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FC08F 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 #5FC08F looks like.

```
.text, #text, p{  
    color:#5FC08F  
}
```

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 #5FC08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC08F
}
```

## Border

The CSS property to change the border of an element to Hex 5FC08F 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
#5FC08F }
```

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

```
.border{ border-color:#5FC08F }
```

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

Here you see how a box with a 4 pixel #5FC08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC08F; -webkit-box-shadow:4px 4px  
4px 4px #5FC08F; box-shadow:4px 4px 4px  
4px #5FC08F }
```

# Background

The CSS property to change the background color of an element to Hex 5FC08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC08F }
```

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

```
.background{ background-color:#5FC08F }
```

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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