

Converting Colors

Hex(50C08F)

Have a look what the booklet for
Hex(50C08F) contains.

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Color

Hex(50C08F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50C08F |
| RGB | 80, 192, 143 |
| RGB Percent | 31%, 75%, 56% |
| CMY | 0.6863, 0.2471, 0.4392 |
| CMYK | 0.58, 0.00, 0.26, 0.25 |
| HSL | 154°, 47%, 53% |
| HSV | 154°, 58%, 75% |
| XYZ | 27.1158, 41.3879, 32.5461 |
| YIQ | 152.9260, -51.0230, -38.9830 |

Conversions

Conversions Part 2

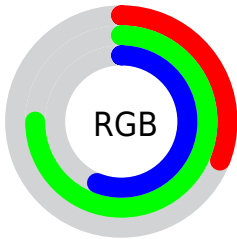
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 80, 152, 192 |
| Decimal | 5292175 |
| CIELab | 70.45, -43.46, 15.32 |
| CIELCh | 70, 46.084, 160.580 |
| Yxy | 41.3879, 0.2683, 0.4096 |
| Android (android.graphics.Color) | 4283482255 (0xFF50C08F) |
| YUV | 152.9260, -4.8935, -63.9561 |
| Hunter-Lab | 64.3334, -37.3478, 15.0388 |

Details

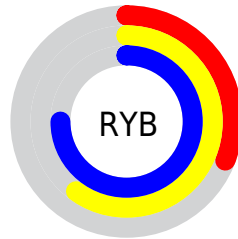
The Hex color **50C08F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C05081**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8AF9C5**, and **008A5D** is the 20% darker color. If you saturate the color by 10%, you get **3DC087**, and if you desaturate by 10%, it is **63C097**.

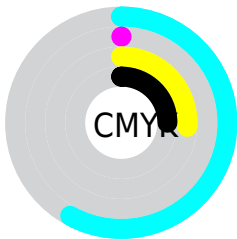
Distribution



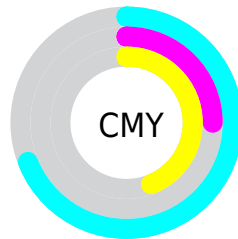
- Red (31%)
- Green (75%)
- Blue (56%)



- Red (31%)
- Yellow (60%)
- Blue (75%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (69%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C08F 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 50C08F by changing the saturation by 10% instead.

 50C08F

 50C08F


FFFFFF

 30A475

 8AF9C5

 008A5D

 A7FFE1

 006F45

 C4FFFE

 00562E

 E2FFFF

 003E19

 002900

 000300

 000000

 50C08F

 50C08F

 3DC087

 63C097

 2AC07E

 76C0A0

 16C076

 8AC0A8

 03C06D

 9DC0B1

 00C06C

 B0C0B9

 C3C0C1

 D6C0CA

 EAC0D2

 FDC0DB

Harmonies

Analogous

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



8ABA6B



50C08F



00C2BA

Triad

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



50C08F



84ACFE



F69278

Complementary

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



50C08F



C05081

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.



FC8A9F



50C08F



C39CEC

Square

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



50C08F



0CB8FB



EC8EC9



DDA05D

Rectangle

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



50C08F



00C1D6



EC8EC9



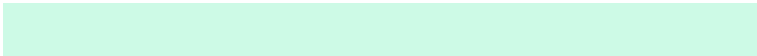
FA8E84

Sweetspot

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



50C08F



CDFAE6



82C050



617D71



FCFCFC



7D7D7D

Same Dimension

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



50C08F



4BFAAD



50BAC0



57615D



00A15A



002113

Inverse Universe

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



C05081



FA4B98



C05650



61575B



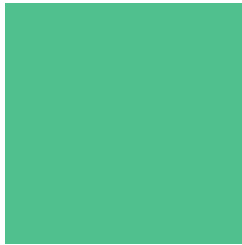
A10046



21000F

Previews

White Background



This preview shows how the Hex color 50C08F looks on a white background.

Color Contrast Check

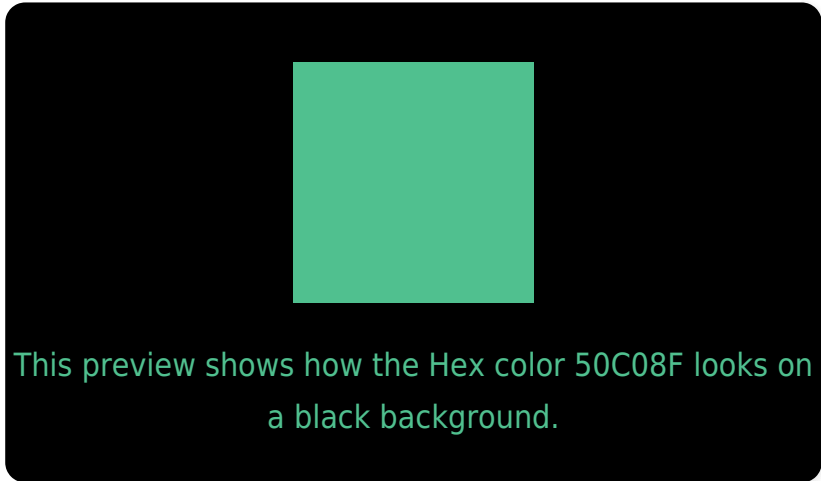
Large Text (above 18pt) WCAG AA × Fail

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

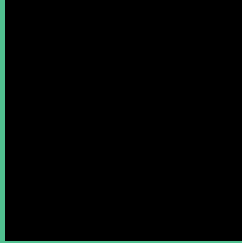
Any Text WCAG AA ✓ Pass

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 50C08F Background



This preview shows how black text looks on a background with the Hex color 50C08F.

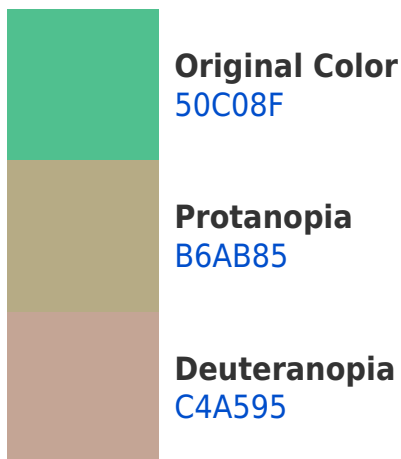


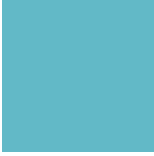
This preview shows how white text looks on a background with the Hex color 50C08F.

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



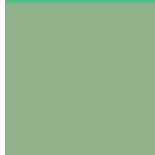


Tritanopia
62B9C7

Trichromacy



Original Color
50C08F



Protanomaly
91B389



Deuteranomaly
9AAF93

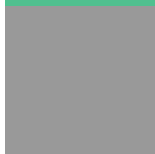


Tritanomaly
5BBCB3

Monochromacy



Original Color
50C08F



Achromatopsia
999999



Achromatomaly
7EA795

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C08F 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 #50C08F looks like.

```
.text, #text, p{  
    color:#50C08F  
}
```

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 #50C08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C08F
}
```

Border

The CSS property to change the border of an element to Hex 50C08F 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
#50C08F }
```

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

```
.border{ border-color:#50C08F }
```

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

Here you see how a box with a 4 pixel #50C08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C08F; -webkit-box-shadow:4px 4px  
4px 4px #50C08F; box-shadow:4px 4px 4px  
4px #50C08F }
```

Background

The CSS property to change the background color of an element to Hex 50C08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C08F }
```

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

```
.background{ background-color:#50C08F }
```

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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