

Converting Colors

Hex(58D08F)

Have a look what the booklet for
Hex(58D08F) contains.

Hex(58D08F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(58D08F)

Conversions

Conversions Part 1

Format	Color
Hex	58D08F
RGB	88, 208, 143
RGB Percent	35%, 82%, 56%
CMY	0.6549, 0.1843, 0.4392
CMYK	0.58, 0.00, 0.31, 0.18
HSL	148°, 56%, 58%
HSV	148°, 58%, 82%
XYZ	31.5383, 49.1696, 33.8150
YIQ	164.7100, -50.6550, -45.6550

Conversions

Conversions Part 2

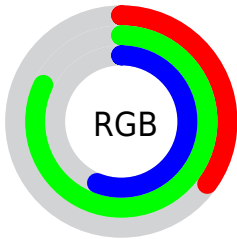
Format	Color
RYB	88, 170, 208
Decimal	5820559
CIELab	75.56, -48.49, 22.42
CIELCh	76, 53.418, 155.188
Yxy	49.1696, 0.2754, 0.4293
Android (android.graphics.Color)	4284010639 (0xFF58D08F)
YUV	164.7100, -10.7030, -67.2747
Hunter-Lab	70.1211, -42.4280, 20.4928

Details

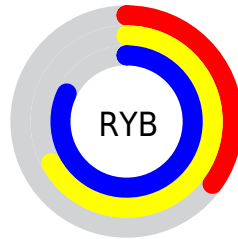
The Hex color **58D08F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D05899**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **93FFC5**, and **07995C** is the 20% darker color. If you saturate the color by 10%, you get **43D084**, and if you desaturate by 10%, it is **6DD09A**.

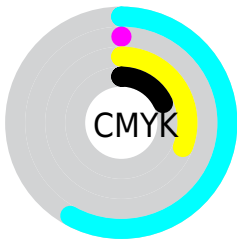
Distribution



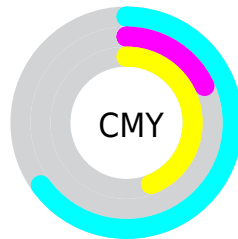
- Red (35%)
- Green (82%)
- Blue (56%)



- Red (35%)
- Yellow (67%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D08F 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 58D08F by changing the saturation by 10% instead.

 58D08F

 58D08F

FFFFFF

 38B475

 93FFC5

 07995C

 B0FFE1

 007E44

 CEFFFE

 00642D

 EBFFFF

 004B17

 003300

 001C00

 000000

 58D08F

 58D08F

 43D084

 6DD09A

 2ED078

 82D0A6

 1AD06D

 96D0B1

 05D062

 ABD0BC

 00D05F

 C0D0C7

 D5D0D3

 EAD0DE

 FED0E9

 FFD0F4

Harmonies

Analogous

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



9BC867



58D08F



00D3C1

Triad

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



58D08F



75BCFF



FF9884

Complementary

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



58D08F



D05899

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.



FF90B3



58D08F



C9AAFF

Square

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



58D08F



00CAFF



FE98E4



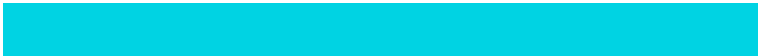
F8A961

Rectangle

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



58D08F



00D3E3



FE98E4



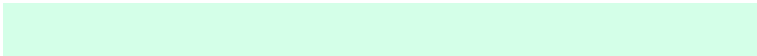
FF9493

Sweetspot

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



58D08F



D4FFE8



9AD058



668072



000000



808080

Same Dimension

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



58D08F



4FFFA0



58D0CA



5E6963



00A84D



002913

Inverse Universe

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



D05899



FF4FAE



D0585E



695E64



A8005B



290016

Previews

White Background



This preview shows how the Hex color 58D08F 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

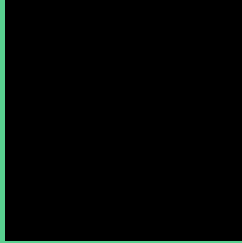
Any Text WCAG AA ✓ Pass

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 58D08F Background



This preview shows how black text looks on a background with the Hex color 58D08F.

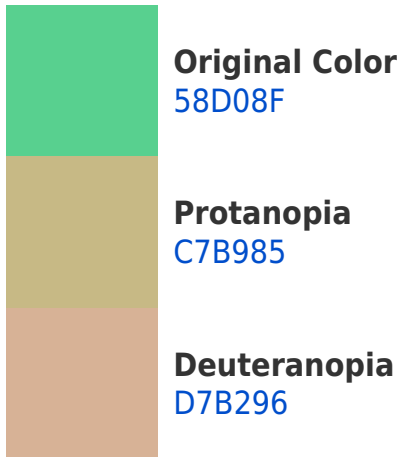


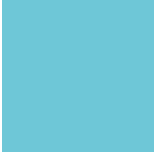
This preview shows how white text looks on a background with the Hex color 58D08F.

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](#).

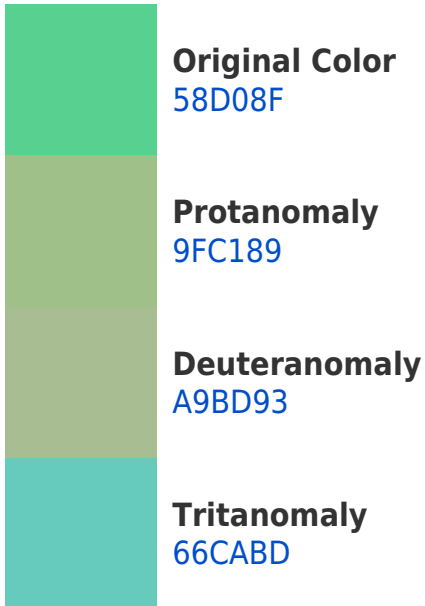
Dichromacy



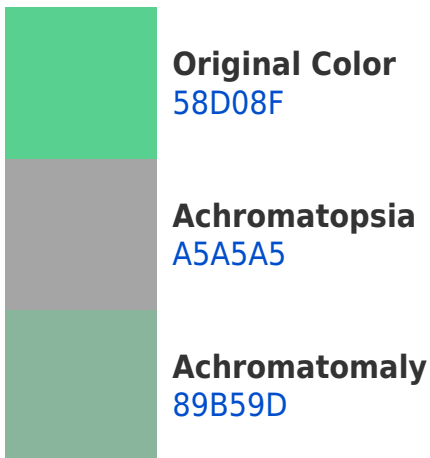


Tritanopia
6EC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58D08F 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 #58D08F looks like.

```
.text, #text, p{  
    color:#58D08F  
}
```

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 #58D08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D08F
}
```

Border

The CSS property to change the border of an element to Hex 58D08F 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
#58D08F }
```

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

```
.border{ border-color:#58D08F }
```

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

Here you see how a box with a 4 pixel #58D08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D08F; -webkit-box-shadow:4px 4px  
4px 4px #58D08F; box-shadow:4px 4px 4px  
4px #58D08F }
```

Background

The CSS property to change the background color of an element to Hex 58D08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D08F }
```

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

```
.background{ background-color:#58D08F }
```

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