

# Converting Colors

Hex(C58580)

Have a look what the booklet for  
Hex(C58580) contains.

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# **Color**

**Hex(C58580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C58580
RGB	197, 133, 128
RGB Percent	77%, 52%, 50%
CMY	0.2275, 0.4784, 0.4980
CMYK	0.00, 0.32, 0.35, 0.23
HSL	4°, 37%, 64%
HSV	4°, 35%, 77%
XYZ	35.3098, 30.2039, 24.3910
YIQ	151.5660, 39.7490, 12.0130

# Conversions

## Conversions Part 2

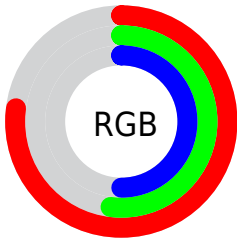
Format	Color
<a href="#">RYB</a>	<a href="#">197, 133, 128</a>
Decimal	<a href="#">12944768</a>
CIELab	<a href="#">61.83, 23.96, 12.72</a>
CIElCh	<a href="#">62, 27.132, 27.967</a>
Yxy	<a href="#">30.2039, 0.3927, 0.3360</a>
Android (android.graphics.Color)	<a href="#">4291134848 (0xFFC58580)</a>
YUV	<a href="#">151.5660, -11.6180, 39.8456</a>
Hunter-Lab	<a href="#">54.9581, 18.5071, 12.1571</a>

# Details

The Hex color **C58580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80C0C5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBBB5**, and **8D534F** is the 20% darker color. If you saturate the color by 10%, you get **C5736C**, and if you desaturate by 10%, it is **C59794**.

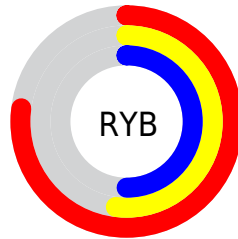
# Distribution



Red (77%)

Green (52%)

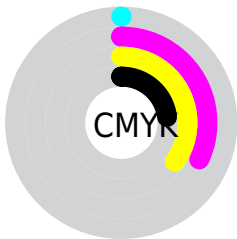
Blue (50%)



Red (77%)

Yellow (52%)

Blue (50%)

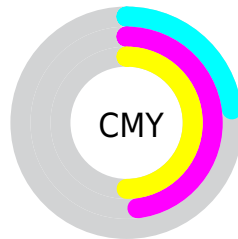


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (48%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58580 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 C58580 by changing the saturation by 10% instead.



 C58580

FFFFFF

 FFBBB5

 FFD6D0

 FFF3ED

 C58580

 A96B67

 8D534F

 723B38

 582423

 3F0D0D

 290000

 000000

 C58580

 C5736C

 C58580

 C59794

 C56059

 C5AAA7

 C54E45

 C5BCBB

 C53C31

 C5CECF

 C52A1D

 C5E0E3

 C5170A

 C5F3F6

 C50E00

 C5FFFF

# Harmonies

## Analogous

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



C38498



C58580



BB8B6D

# Triad

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



C58580



73A07B



7498C5

# Complementary

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



C58580



80C0C5

# 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.



549FBD



C58580



58A393

# Square

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



C58580



8F9B6A



48A2AB



9790C0

# Rectangle

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



C58580



AF9167



48A2AB



689BC4

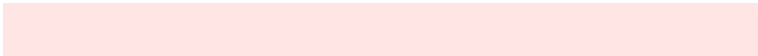


# Sweetspot

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



C58580



FFE5E3



C580C0



80706F



000000



808080



# Same Dimension

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



C58580



FF9C94



C5A780



635A5A



A30C00



240300



# Inverse Universe

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



80C0C5



94F7FF



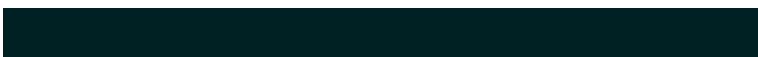
809EC5



5A6363



0097A3

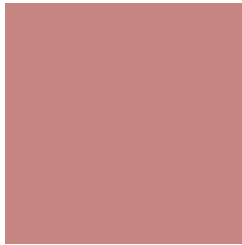


002124



# Previews

## White Background



This preview shows how the Hex color C58580 looks on a white background.

## Color Contrast Check

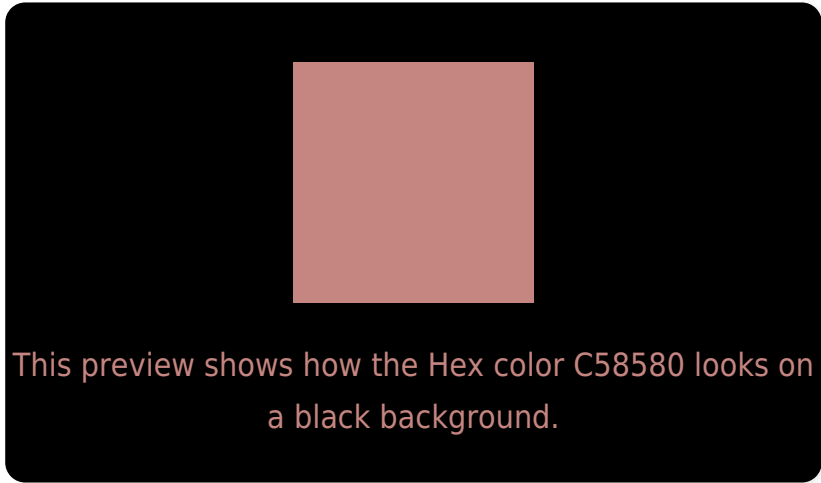
Large Text (above 18pt) WCAG AA × Fail

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

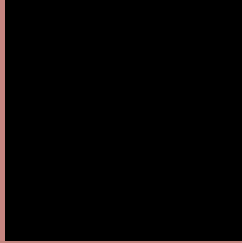
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C58580 Background



This preview shows how black text looks on a background with the Hex color C58580.



This preview shows how white text looks on a background with the Hex color C58580.

# 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



**Original Color**  
C58580

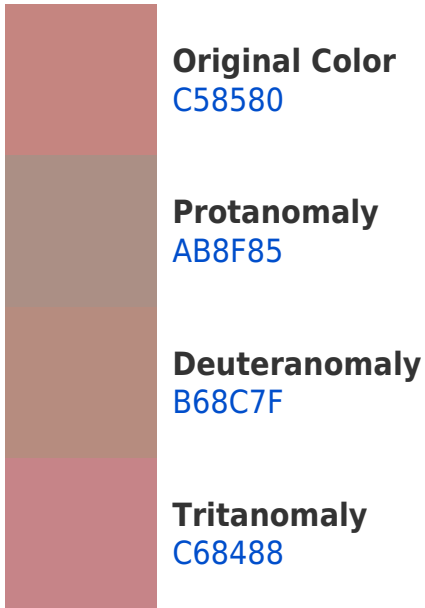
**Protanopia**  
9C9588

**Deuteranopia**  
AD907E

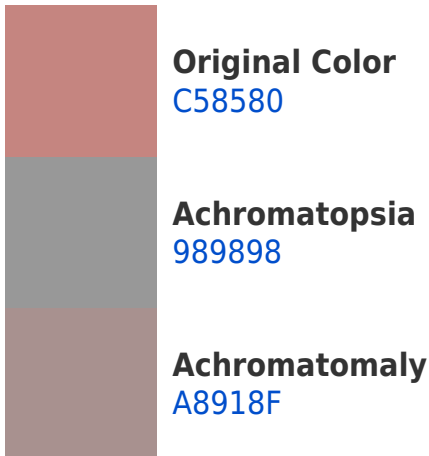


**Tritanopia**  
C6838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58580 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 #C58580 looks like.

```
.text, #text, p{  
    color:#C58580  
}
```

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 #C58580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58580
}
```

## Border

The CSS property to change the border of an element to Hex C58580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

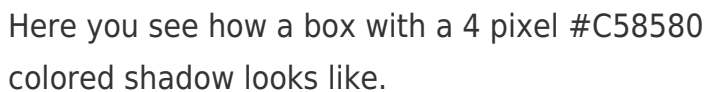
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C58580 }
```

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

```
.border{ border-color:#C58580 }
```

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



Here you see how a box with a 4 pixel #C58580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58580; -webkit-box-shadow:4px 4px  
4px 4px #C58580; box-shadow:4px 4px 4px  
4px #C58580 }
```

# Background

The CSS property to change the background color of an element to Hex C58580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58580 }
```

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

```
.background{ background-color:#C58580 }
```

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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