

# Converting Colors

Hex(C58074)

Have a look what the booklet for  
Hex(C58074) contains.

<b>Hex(C58074)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C58074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C58074
RGB	197, 128, 116
RGB Percent	77%, 50%, 45%
CMY	0.2275, 0.4980, 0.5451
CMYK	0.00, 0.35, 0.41, 0.23
HSL	9°, 41%, 61%
HSV	9°, 41%, 77%
XYZ	33.8975, 28.5696, 20.2509
YIQ	147.2630, 44.9760, 10.8960

# Conversions

## Conversions Part 2

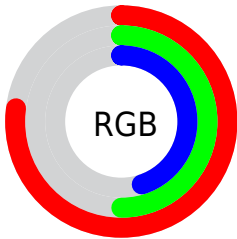
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 130, 116
Decimal	12943476
CIELab	60.40, 25.27, 17.56
CIELCh	60, 30.772, 34.798
Yxy	28.5696, 0.4098, 0.3454
Android (android.graphics.Color)	4291133556 (0xFFC58074)
YUV	147.2630, -15.4127, 43.6193
Hunter-Lab	53.4506, 19.6635, 14.9521

# Details

The Hex color **C58074** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74B9C5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB5A8**, and **8D4E44** is the 20% darker color. If you saturate the color by 10%, you get **C56F60**, and if you desaturate by 10%, it is **C59188**.

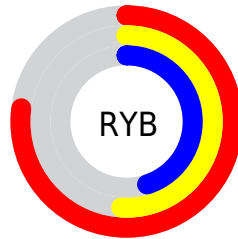
# Distribution



Red (77%)

Green (50%)

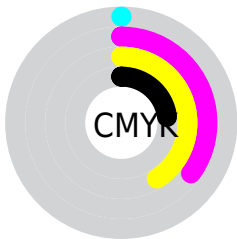
Blue (45%)



Red (77%)

Yellow (51%)

Blue (45%)

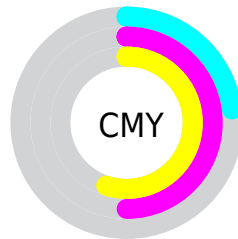


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (23%)



Cyan (23%)

Magenta (50%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58074 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 C58074 by changing the saturation by 10% instead.



 C58074

FFFFFF

 FFB5A8

 FFD1C3

 FFEEDF

FFFFFFC

 C58074

 C56F60

 C58074

 A9675B

 8D4E44

 72362E

 571F19

 3E0800

 270001

 000000

 C58074

 C59188

 C55E4D

 C5A29B

 C54E39

 C5B2AF

 C53D25

 C5C3C3

 C52C12

 C5D4D7

 C51D00

 C5E5EA

 C5F5FE

 C5FFFF

# Harmonies

## Analogous

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



C67D8E



C58074



B78861

# Triad

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



C58074



629E7A



7393C7

# Complementary

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



C58074



74B9C5

# 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.



489BC2



C58074



41A095

# Square

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



C58074



839964



2E9FB0



9B89BE

# Rectangle

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



C58074



A88E5B



2E9FB0



6496C7



# Sweetspot

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



C58074



FFE5E0



C574BA



80706E



000000



808080



# Same Dimension

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



C58074



FF9582



C5A774



635B5A



A31800



240500

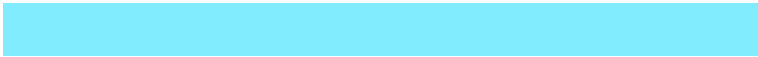


# Inverse Universe

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



74B9C5



82ECFF



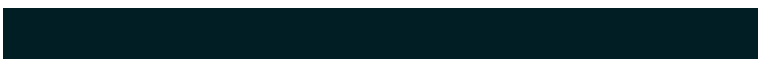
7492C5



5A6263



008BA3



001E24



# Previews

## White Background



This preview shows how the Hex color C58074 looks on a white background.

## Color Contrast Check

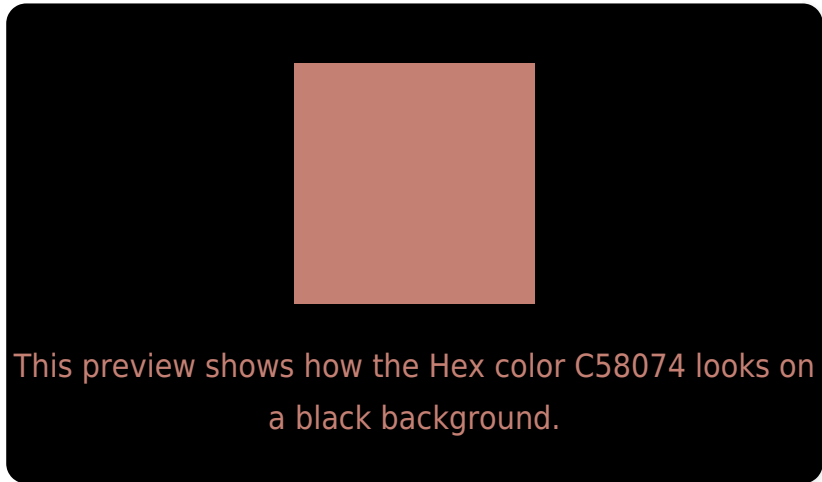
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex C58074 Background



This preview shows how black text looks on a background with the Hex color C58074.

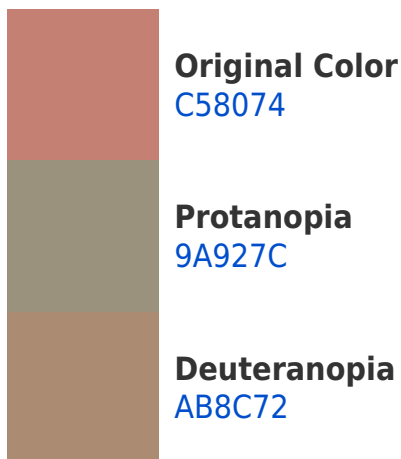



This preview shows how white text looks on a background with the Hex color C58074.

# 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](#).

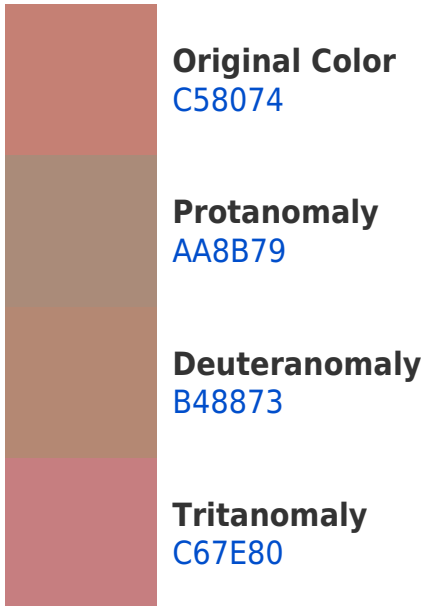
## Dichromacy



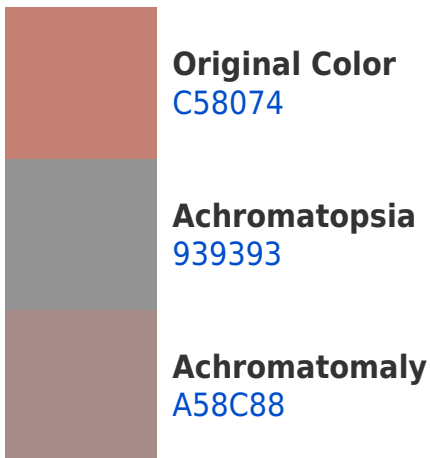


**Tritanopia**  
C77D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58074 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 #C58074 looks like.

```
.text, #text, p{  
    color:#C58074  
}
```

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 #C58074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58074
}
```

## Border

The CSS property to change the border of an element to Hex C58074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

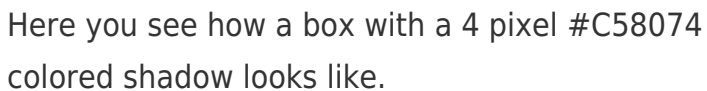
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C58074 }
```

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

```
.border{ border-color:#C58074 }
```

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



Here you see how a box with a 4 pixel #C58074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58074; -webkit-box-shadow:4px 4px  
4px 4px #C58074; box-shadow:4px 4px 4px  
4px #C58074 }
```

# Background

The CSS property to change the background color of an element to Hex C58074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58074 }
```

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

```
.background{ background-color:#C58074 }
```

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