

# Converting Colors

Hex(C78C49)

Have a look what the booklet for  
Hex(C78C49) contains.

<b>Hex(C78C49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C78C49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C78C49
RGB	199, 140, 73
RGB Percent	78%, 55%, 29%
CMY	0.2196, 0.4510, 0.7137
CMYK	0.00, 0.30, 0.63, 0.22
HSL	32°, 53%, 53%
HSV	32°, 63%, 78%
XYZ	34.1339, 31.3793, 10.5611
YIQ	150.0030, 56.6710, -8.3290

# Conversions

## Conversions Part 2

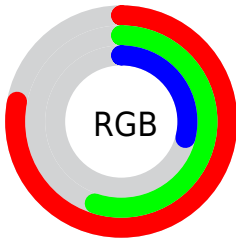
Format	Color
<a href="#">RYB</a>	<a href="#">184, 199, 73</a>
Decimal	<a href="#">13077577</a>
CIELab	<a href="#">62.83, 15.63, 44.02</a>
CIELCh	<a href="#">63, 46.709, 70.448</a>
Yxy	<a href="#">31.3793, 0.4487, 0.4125</a>
Android (android.graphics.Color)	<a href="#">4291267657</a> ( <a href="#">0xFFC78C49</a> )
YUV	<a href="#">150.0030, -37.9625, 42.9704</a>
Hunter-Lab	<a href="#">56.0172, 10.7380, 28.0340</a>

# Details

The Hex color **C78C49** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4984C7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC27C**, and **8D5A18** is the 20% darker color. If you saturate the color by 10%, you get **C78335**, and if you desaturate by 10%, it is **C7955D**.

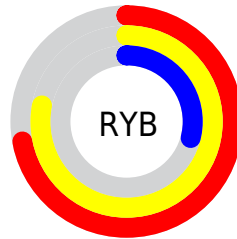
# Distribution



Red (78%)

Green (55%)

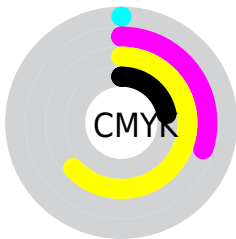
Blue (29%)



Red (72%)

Yellow (78%)

Blue (29%)

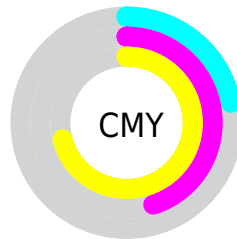


Cyan (0%)

Magenta (30%)

Yellow (63%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C78C49 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 C78C49 by changing the saturation by 10% instead.



 C78C49

 C78C49

FFFFFF

 AA7231

 FFC27C

 8D5A18

 FFDD96

 714200

 FFFAB1

 562C00

 FFFFFCD

 3B1700

 FFFFEEA

 230000

 000000

 C78C49

 C78C49

 C78335

 C7955D

 C77921

 C79F71

 C7700D

 C7A885

 C76A00

 C7B199

 C7BBAD

 C7C4C0

 C7CDD4

 C7D7E8

 C7E0FC

# Harmonies

## Analogous

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



DF7D64



C78C49



A39A43

# Triad

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



C78C49



00ADA6



AE87D7

# Complementary

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



C78C49



4984C7

# 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.



6C97EA



C78C49



00ABCD

# Square

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



C78C49



36AB7B



00A4E6



D679B5

# Rectangle

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



C78C49



86A24E



00A4E6



9B8DE0

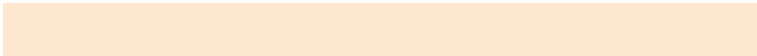


# Sweetspot

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



C78C49



FFE8CF



C74986



807262



000000



808080



# Same Dimension

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



C78C49



FFA43D



C5C749



635F5A



A35700



241300

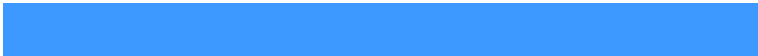


# Inverse Universe

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



4984C7



3D98FF



4B49C7



5A5E63



004CA3

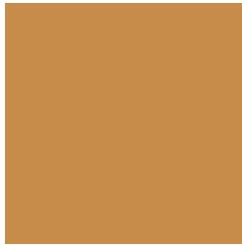


001124



# Previews

## White Background



This preview shows how the Hex color C78C49 looks on a white background.

## Color Contrast Check

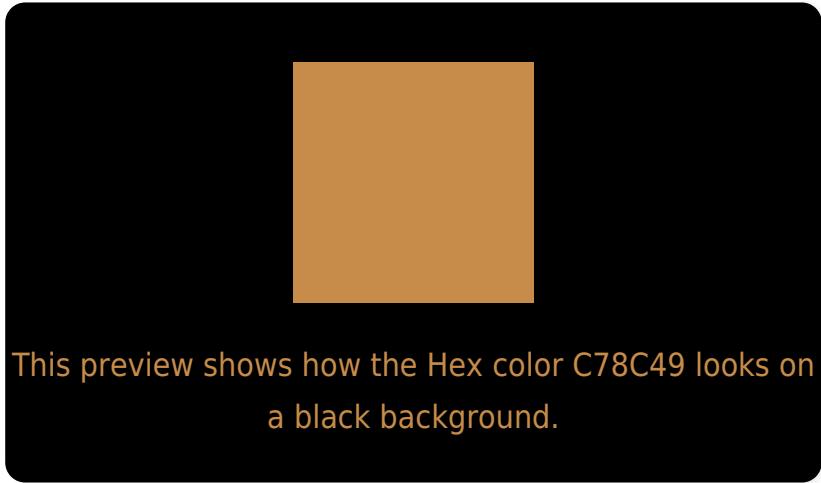
Large Text (above 18pt) WCAG AA × Fail

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

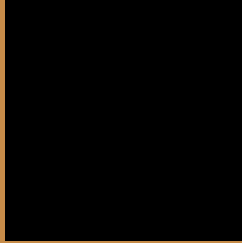
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C78C49 Background



This preview shows how black text looks on a background with the Hex color C78C49.

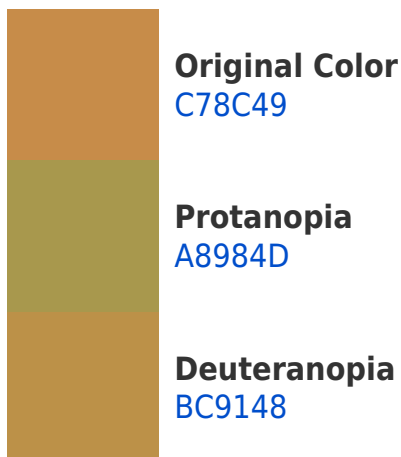


This preview shows how white text looks on a background with the Hex color C78C49.

# Color Blindness Simulation

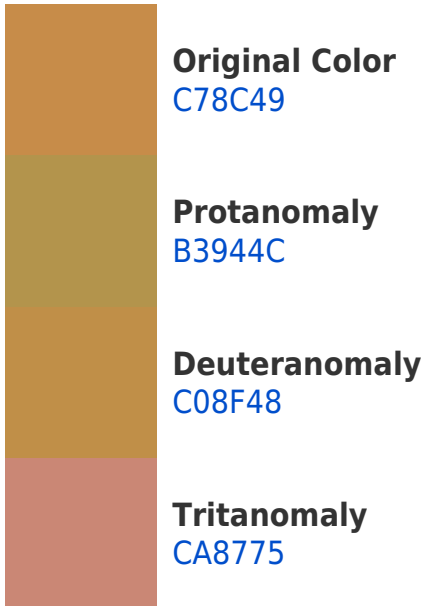
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

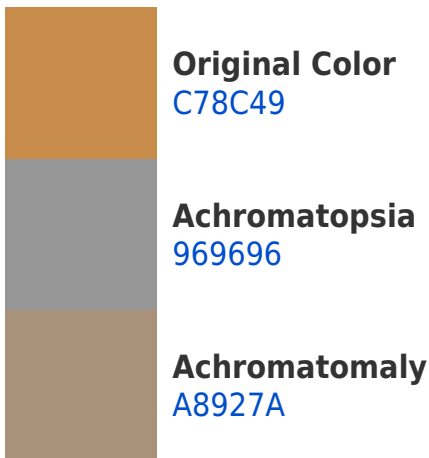




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C78C49 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 #C78C49 looks like.

```
.text, #text, p{  
    color:#C78C49  
}
```

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 #C78C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78C49
}
```

## Border

The CSS property to change the border of an element to Hex C78C49 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
#C78C49 }
```

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

```
.border{ border-color:#C78C49 }
```

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

Here you see how a box with a 4 pixel #C78C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78C49; -webkit-box-shadow:4px 4px  
4px 4px #C78C49; box-shadow:4px 4px 4px  
4px #C78C49 }
```

# Background

The CSS property to change the background color of an element to Hex C78C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78C49 }
```

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

```
.background{ background-color:#C78C49 }
```

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