

# Converting Colors

Hex(C49C5C)

Have a look what the booklet for  
Hex(C49C5C) contains.

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**Color**

**Hex(C49C5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49C5C
RGB	196, 156, 92
RGB Percent	77%, 61%, 36%
CMY	0.2314, 0.3882, 0.6392
CMYK	0.00, 0.20, 0.53, 0.23
HSL	37°, 47%, 56%
HSV	37°, 53%, 77%
XYZ	36.5852, 36.2854, 15.2008
YIQ	160.6640, 44.3840, -11.4240

# Conversions

## Conversions Part 2

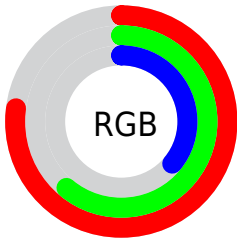
Format	Color
<a href="#">RYB</a>	<a href="#">157, 196, 92</a>
Decimal	<a href="#">12885084</a>
CIELab	<a href="#">66.74, 7.09, 38.90</a>
CIELCh	<a href="#">67, 39.538, 79.675</a>
Yxy	<a href="#">36.2854, 0.4154, 0.4120</a>
Android (android.graphics.Color)	<a href="#">4291075164 (0xFFC49C5C)</a>
YUV	<a href="#">160.6640, -33.8514, 30.9897</a>
Hunter-Lab	<a href="#">60.2374, 2.9966, 27.2045</a>

# Details

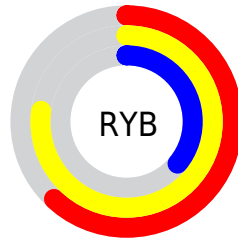
The Hex color **C49C5C** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5C84C4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD290**, and **8C692B** is the 20% darker color. If you saturate the color by 10%, you get **C49448**, and if you desaturate by 10%, it is **C4A470**.

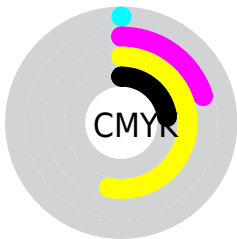
# Distribution



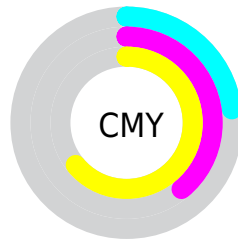
- Red (77%)
- Green (61%)
- Blue (36%)



- Red (62%)
- Yellow (77%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (53%)
- Black (23%)



- Cyan (23%)
- Magenta (39%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49C5C 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 C49C5C by changing the saturation by 10% instead.



 C49C5C

 C49C5C

FFFFFF

 A88243

 FFD290

 8C692B

 FFEFAA

 705113

 FFFFC6

 563A00

 FFFFFE2

 3C2500

 231100

 000000

 C49C5C

 C49C5C

 C49448

 C4A470

 C48D35

 C4AB83

 C48521

 C4B397

 C47E0E

 C4BAAA

 C47900

 C4C2BE

 C4C9D2

 C4D1E5

 C4D8F9

 C4E0FF

# Harmonies

## Analogous

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



DD906E



C49C5C



A2A85E

# Triad

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



C49C5C



00B5B9



C391D1

# Complementary

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



C49C5C



5C84C4

# 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.



949EE5



C49C5C



00B2D8

# Square

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



C49C5C



47B494



54AAE8



DF87B0

# Rectangle

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



C49C5C



87AD6A



54AAE8



B595D9

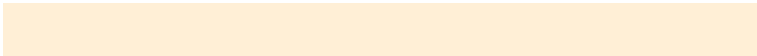


# Sweetspot

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



C49C5C



FFEFD6



C45C86



807667



000000



808080



# Same Dimension

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



C49C5C



FFC05C



BAC45C



615D57



A16300



211400

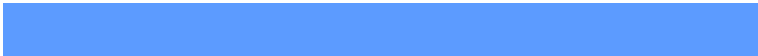


# Inverse Universe

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



5C84C4



5C9BFF



665CC4



575B61



003EA1

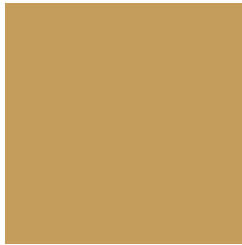


000D21



# Previews

## White Background



This preview shows how the Hex color C49C5C looks on a white background.

## Color Contrast Check

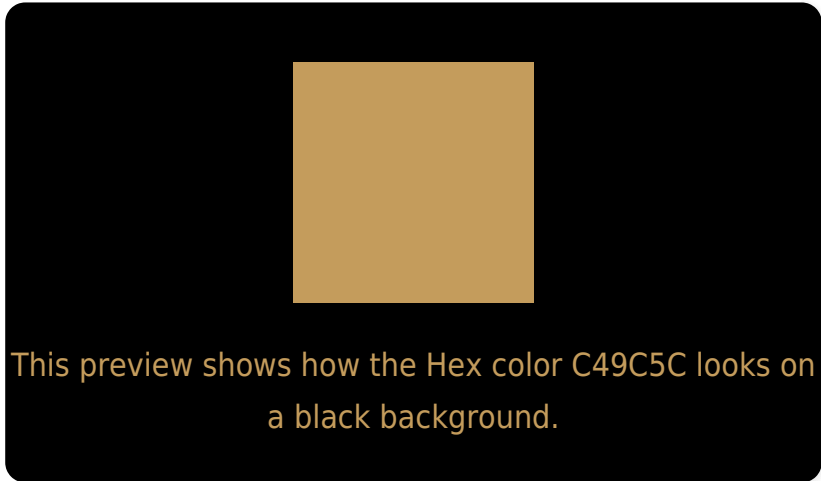
Large Text (above 18pt) WCAG AA × Fail

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 C49C5C Background



This preview shows how black text looks on a background with the Hex color C49C5C.



This preview shows how white text looks on a background with the Hex color C49C5C.

# 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**  
C49C5C

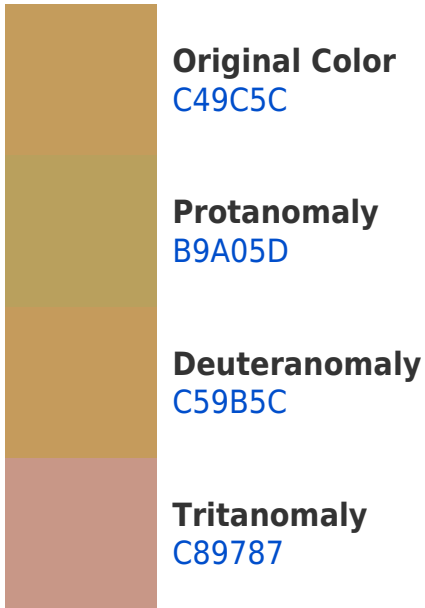
**Protanopia**  
B2A35E

**Deuteranopia**  
C69B5C

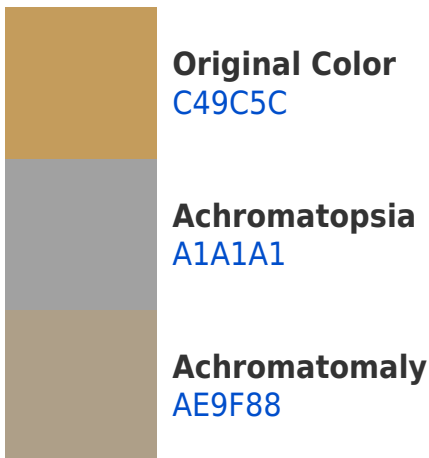


**Tritanopia**  
CA949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49C5C 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 #C49C5C looks like.

```
.text, #text, p{  
    color:#C49C5C  
}
```

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 #C49C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49C5C
}
```

## Border

The CSS property to change the border of an element to Hex C49C5C 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
#C49C5C }
```

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

```
.border{ border-color:#C49C5C }
```

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

Here you see how a box with a 4 pixel #C49C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49C5C; -webkit-box-shadow:4px 4px  
4px 4px #C49C5C; box-shadow:4px 4px 4px  
4px #C49C5C }
```

# Background

The CSS property to change the background color of an element to Hex C49C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49C5C }
```

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

```
.background{ background-color:#C49C5C }
```

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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