

# Converting Colors

Hex(C39C4C)

Have a look what the booklet for  
Hex(C39C4C) contains.

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**Color**

**Hex(C39C4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39C4C
RGB	195, 156, 76
RGB Percent	76%, 61%, 30%
CMY	0.2353, 0.3882, 0.7020
CMYK	0.00, 0.20, 0.61, 0.24
HSL	40°, 50%, 53%
HSV	40°, 61%, 76%
XYZ	35.6987, 35.9008, 11.8855
YIQ	158.5410, 48.9240, -16.6120

# Conversions

## Conversions Part 2

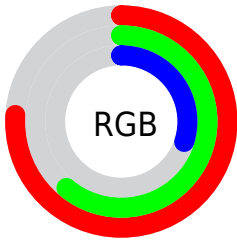
Format	Color
<a href="#">RYB</a>	<a href="#">134, 195, 76</a>
Decimal	<a href="#">12819532</a>
CIELab	<a href="#">66.44, 5.39, 46.56</a>
CIELCh	<a href="#">66, 46.872, 83.398</a>
Yxy	<a href="#">35.9008, 0.4276, 0.4300</a>
Android (android.graphics.Color)	<a href="#">4291009612</a> ( <a href="#">0xFFC39C4C</a> )
YUV	<a href="#">158.5410, -40.6927, 31.9745</a>
Hunter-Lab	<a href="#">59.9173, 1.4948, 30.1810</a>

# Details

The Hex color **C39C4C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4C73C3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FED27F**, and **8A6919** is the 20% darker color. If you saturate the color by 10%, you get **C39639**, and if you desaturate by 10%, it is **C3A260**.

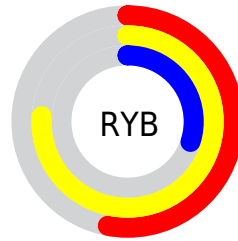
# Distribution



Red (76%)

Green (61%)

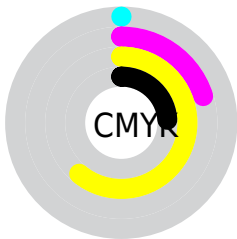
Blue (30%)



Red (53%)

Yellow (76%)

Blue (30%)

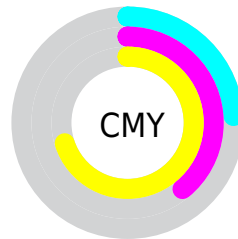


Cyan (0%)

Magenta (20%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39C4C 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 C39C4C by changing the saturation by 10% instead.



 C39C4C

 C39C4C

FFFFFF

 A68233

 FED27F

 8A6919

 FFEF9A

 6F5100

 FFFFB6

 543A00

 FFFFFD2

 3A2500

 FFFFEE

 211100

 000000

 C39C4C

 C39C4C

 C39639

 C3A260

 C38F25

 C3A973

 C38912

 C3AF86

 C38300

 C3B69A

 C3BCAE

 C3C2C1

 C3C9D5

 C3CFE8

 C3D6FC

# Harmonies

## Analogous

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



E28D5F



C39C4C



9AA951

# Triad

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



C39C4C



00B7C2



CD8AD4

# Complementary

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



C39C4C



4C73C3

# 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.



969AEF



C39C4C



00B2E4

# Square

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



C39C4C



01B796



3EA9F5



EB7FAD

# Rectangle

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



C39C4C



7AB062



3EA9F5



BD8FDF

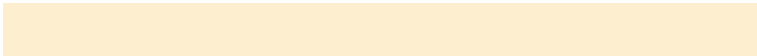


# Sweetspot

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



C39C4C



FCEECF



C34C74



807663



000000



808080



# Same Dimension

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



C39C4C



FCC044



AFC34C



615E57



A16C00



211600



# Inverse Universe

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



4C73C3



4481FC



604CC3



575A61



0035A1



000B21



# Previews

## White Background



This preview shows how the Hex color C39C4C looks on a white background.

## Color Contrast Check

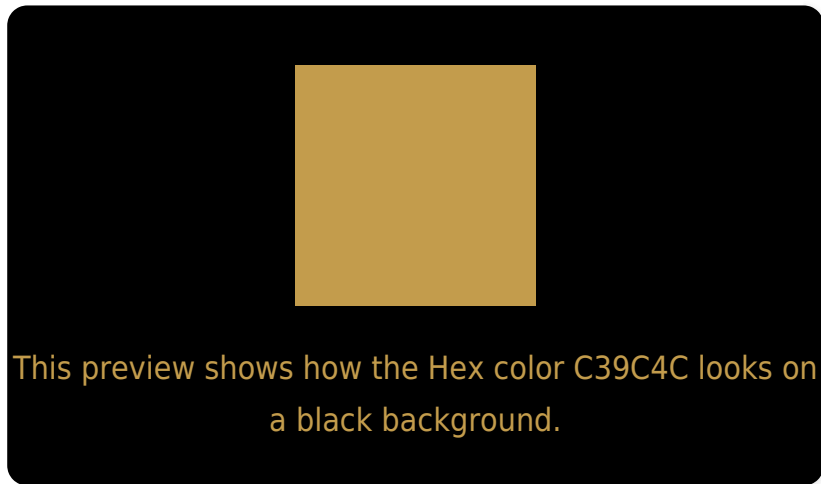
Large Text (above 18pt) WCAG AA × Fail

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

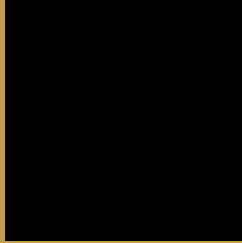
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C39C4C Background



This preview shows how black text looks on a background with the Hex color C39C4C.

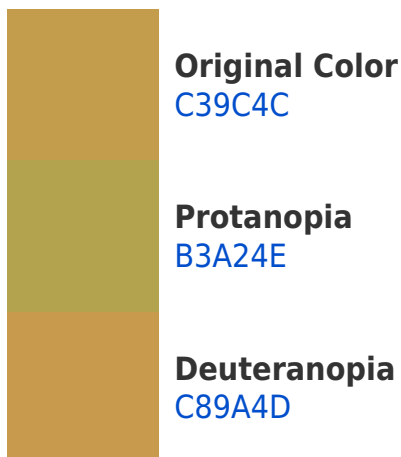



This preview shows how white text looks on a background with the Hex color C39C4C.

# 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](#).

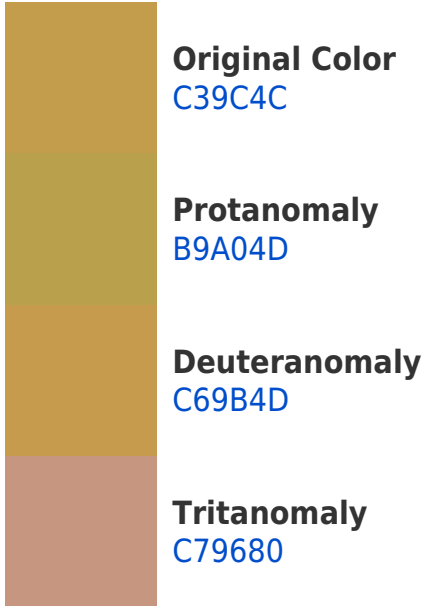
## Dichromacy





**Tritanopia**  
CA939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39C4C 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 #C39C4C looks like.

```
.text, #text, p{  
    color:#C39C4C  
}
```

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 #C39C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39C4C
}
```

## Border

The CSS property to change the border of an element to Hex C39C4C 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
#C39C4C }
```

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

```
.border{ border-color:#C39C4C }
```

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

Here you see how a box with a 4 pixel #C39C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39C4C; -webkit-box-shadow:4px 4px  
4px 4px #C39C4C; box-shadow:4px 4px 4px  
4px #C39C4C }
```

# Background

The CSS property to change the background color of an element to Hex C39C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39C4C }
```

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

```
.background{ background-color:#C39C4C }
```

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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