

# Converting Colors

Hex(C49A5B)

Have a look what the booklet for  
Hex(C49A5B) contains.

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# **Color**

**Hex(C49A5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49A5B
RGB	196, 154, 91
RGB Percent	77%, 60%, 36%
CMY	0.2314, 0.3961, 0.6431
CMYK	0.00, 0.21, 0.54, 0.23
HSL	36°, 47%, 56%
HSV	36°, 54%, 77%
XYZ	36.2089, 35.6023, 14.8610
YIQ	159.3760, 45.2550, -10.6890

# Conversions

## Conversions Part 2

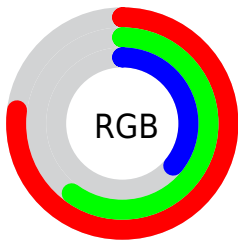
Format	Color
<a href="#">RYB</a>	<a href="#">161, 196, 91</a>
Decimal	<a href="#">12884571</a>
CIELab	<a href="#">66.21, 8.09, 38.78</a>
CIElCh	<a href="#">66, 39.610, 78.219</a>
Yxy	<a href="#">35.6023, 0.4178, 0.4108</a>
Android (android.graphics.Color)	<a href="#">4291074651</a> ( <a href="#">0xFFC49A5B</a> )
YUV	<a href="#">159.3760, -33.7094, 32.1192</a>
Hunter-Lab	<a href="#">59.6677, 3.9030, 27.0004</a>

# Details

The Hex color **C49A5B** 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 **5B85C4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD08E**, and **8C672B** is the 20% darker color. If you saturate the color by 10%, you get **C49247**, and if you desaturate by 10%, it is **C4A26F**.

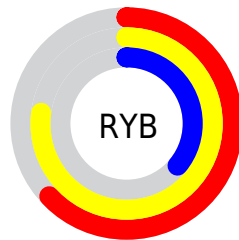
# Distribution



Red (77%)

Green (60%)

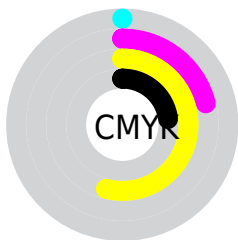
Blue (36%)



Red (63%)

Yellow (77%)

Blue (36%)

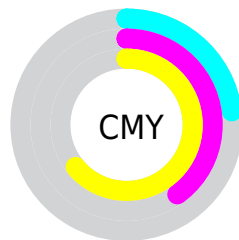


Cyan (0%)

Magenta (21%)

Yellow (54%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49A5B 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 C49A5B by changing the saturation by 10% instead.



 C49A5B

 C49A5B

FFFFFF

 A78042

 FFD08E

 8C672B

 FFECA9

 704F12

 FFFFC5

 563800

 FFFFFE1

 3C2300

FFFFFFE

 230F00

 000000

 C49A5B

 C49A5B

 C49247

 C4A26F

 C48A34

 C4AA82

 C48220

 C4B296

 C47B0D

 C4B9A9

 C47600

 C4C1BD

 C4C9D1

 C4D1E4

 C4D9F8

 C4E1FF

# Harmonies

## Analogous

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



DC8E6D



C49A5B



A2A65C

# Triad

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



C49A5B



00B4B6



C090D1

# Complementary

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



C49A5B



5B85C4

# 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.



8F9DE4



C49A5B



00B0D5

# Square

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



C49A5B



48B391



4EA9E6



DD86B1

# Rectangle

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



C49A5B



88AC68



4EA9E6



B194D9



# Sweetspot

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



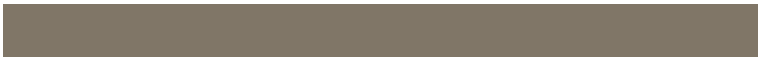
C49A5B



FFEFD6



C45B85



807667



000000



808080



# Same Dimension

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



C49A5B



FFBE5C



BAC45B



615D57



A16000



211400

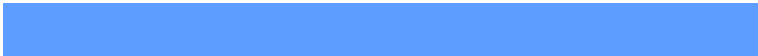


# Inverse Universe

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



5B85C4



5C9DFF



665BC4



575B61



0040A1

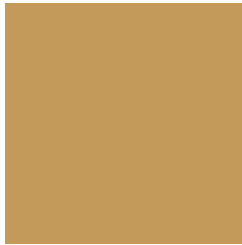


000D21



# Previews

## White Background



This preview shows how the Hex color C49A5B looks on a white background.

## Color Contrast Check

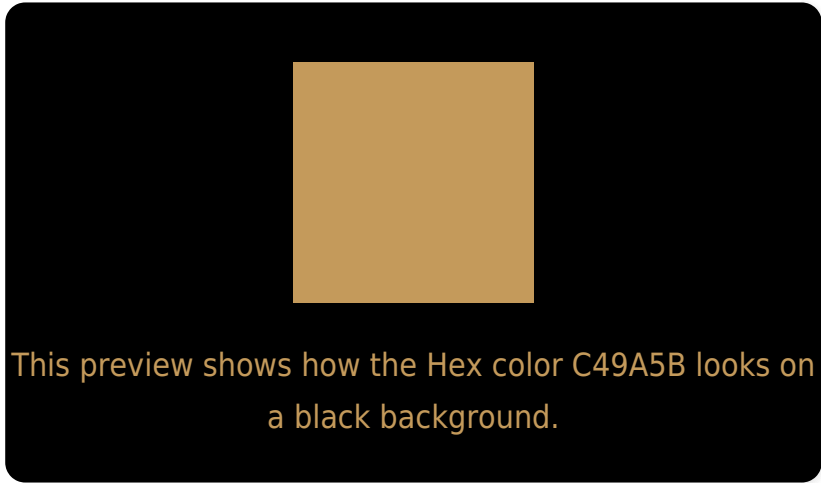
Large Text (above 18pt) WCAG AA × Fail

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

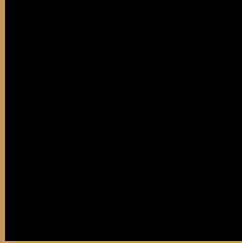
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C49A5B Background



This preview shows how black text looks on a background with the Hex color C49A5B.

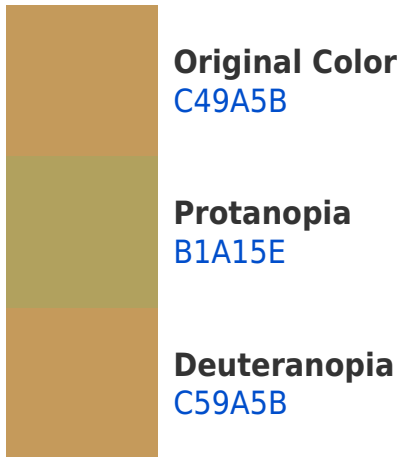



This preview shows how white text looks on a background with the Hex color C49A5B.

# 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](#).

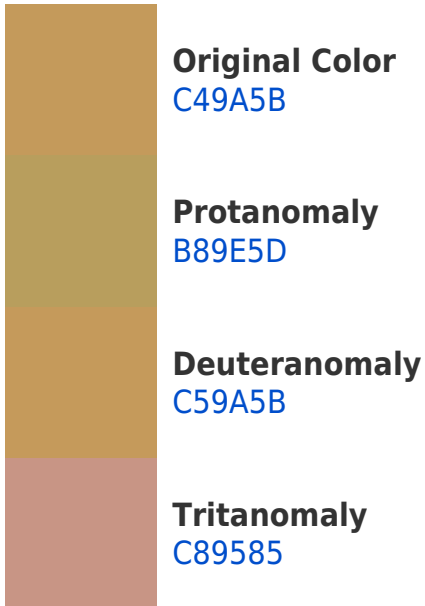
## Dichromacy



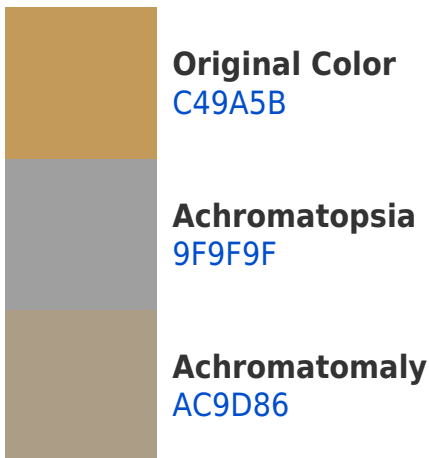


**Tritanopia**  
CA929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49A5B 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 #C49A5B looks like.

```
.text, #text, p{  
    color:#C49A5B  
}
```

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 #C49A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49A5B
}
```

## Border

The CSS property to change the border of an element to Hex C49A5B 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
#C49A5B }
```

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

```
.border{ border-color:#C49A5B }
```

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

Here you see how a box with a 4 pixel #C49A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49A5B; -webkit-box-shadow:4px 4px  
4px 4px #C49A5B; box-shadow:4px 4px 4px  
4px #C49A5B }
```

# Background

The CSS property to change the background color of an element to Hex C49A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49A5B }
```

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

```
.background{ background-color:#C49A5B }
```

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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