

# Converting Colors

Hex(C67B4A)

Have a look what the booklet for  
Hex(C67B4A) contains.

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**Color**

**Hex(C67B4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67B4A
RGB	198, 123, 74
RGB Percent	78%, 48%, 29%
CMY	0.2235, 0.5176, 0.7098
CMYK	0.00, 0.38, 0.63, 0.22
HSL	24°, 52%, 53%
HSV	24°, 63%, 78%
XYZ	31.6077, 26.6661, 9.9597
YIQ	139.8390, 60.4290, 0.6610

# Conversions

## Conversions Part 2

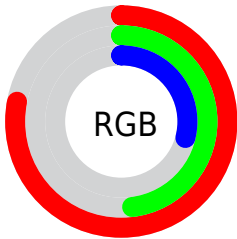
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">198, 155, 74</a>
Decimal	<a href="#">13007690</a>
<a href="#">CIELab</a>	<a href="#">58.66, 24.58, 38.62</a>
<a href="#">CIElCh</a>	<a href="#">59, 45.776, 57.522</a>
<a href="#">Yxy</a>	<a href="#">26.6661, 0.4632, 0.3908</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291197770 (0xFFC67B4A)</a>
<a href="#">YUV</a>	<a href="#">139.8390, -32.4586, 51.0072</a>
<a href="#">Hunter-Lab</a>	<a href="#">51.6392, 18.8889, 24.7121</a>

# Details

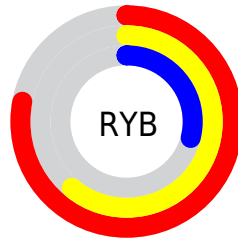
The Hex color **C67B4A** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **4A95C6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB07C**, and **8C491B** is the 20% darker color. If you saturate the color by 10%, you get **C66F36**, and if you desaturate by 10%, it is **C6875E**.

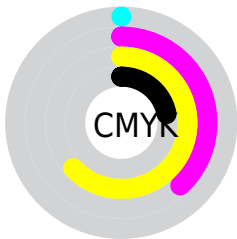
# Distribution



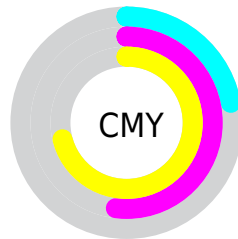
- Red (78%)
- Green (48%)
- Blue (29%)



- Red (78%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (52%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C67B4A 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 C67B4A by changing the saturation by 10% instead.



 C67B4A

 C67B4A

FFFFFF

 A96232

 FFB07C

 8C491B

 FFCC96

 703202

 FFE8B1

 541B00

 FFFFFD

 390500

 FFFFFE9

 210001

 000000

 C67B4A

 C67B4A

 C66F36

 C6875E

 C66322

 C69372

 C6570F

 C69F85

 C64E00

 C6AB99

 C6B7AD

 C6C3C1

 C6CFD5

 C6DBE8

 C6E7FC

# Harmonies

## Analogous

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



D76E6A



C67B4A



A78A3A

# Triad

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



C67B4A



00A188



8A84D4

# Complementary

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



C67B4A



4A95C6

# 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.



3592DD



C67B4A



00A1B1

# Square

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



C67B4A



4C9D60



009CD0



BB74B9

# Rectangle

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



C67B4A



8E923D



009CD0



7489DA

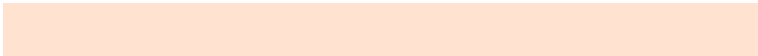


# Sweetspot

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



C67B4A



FFE2CF



C64A96



806E62



000000



808080



# Same Dimension

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



C67B4A



FF8B40



C6B84A



635D5A



A34000



240E00



# Inverse Universe

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



4A95C6



40B3FF



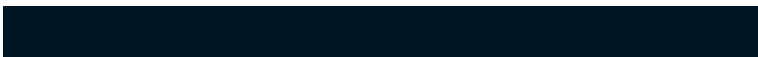
4A58C6



5A6063



0063A3

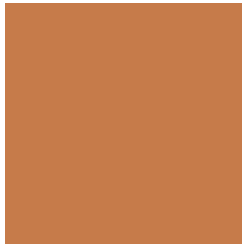


001624



# Previews

## White Background



This preview shows how the Hex color C67B4A looks on a white background.

## Color Contrast Check

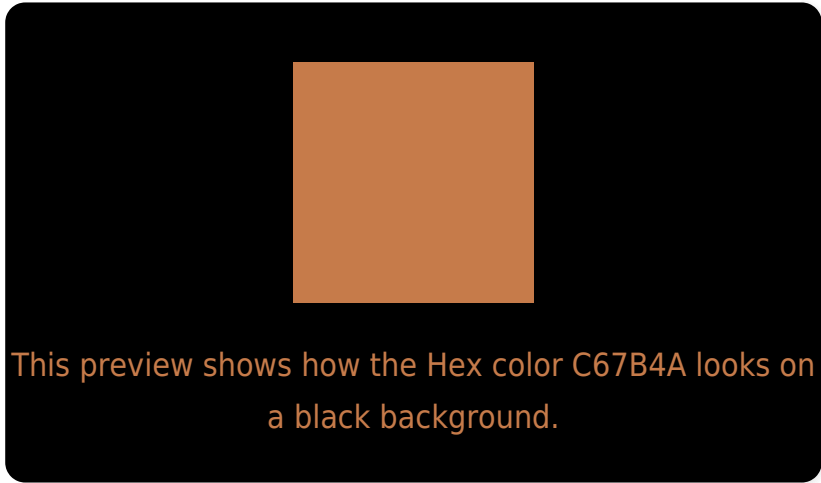
Large Text (above 18pt) WCAG AA ✓ Pass

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

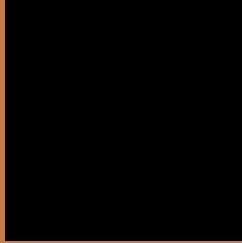
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C67B4A Background



This preview shows how black text looks on a background with the Hex color C67B4A.



This preview shows how white text looks on a background with the Hex color C67B4A.

# 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**  
C67B4A

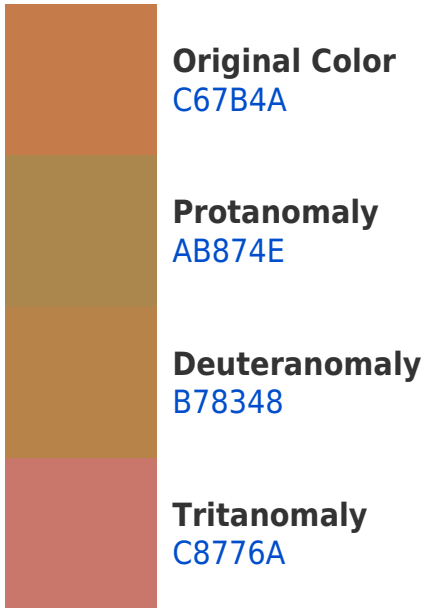
**Protanopia**  
9B8E50

**Deuteranopia**  
AE8747



**Tritanopia**  
C9757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C67B4A 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 #C67B4A looks like.

```
.text, #text, p{  
    color:#C67B4A  
}
```

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 #C67B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67B4A
}
```

## Border

The CSS property to change the border of an element to Hex C67B4A 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
#C67B4A }
```

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

```
.border{ border-color:#C67B4A }
```

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

Here you see how a box with a 4 pixel #C67B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67B4A; -webkit-box-shadow:4px 4px  
4px 4px #C67B4A; box-shadow:4px 4px 4px  
4px #C67B4A }
```

# Background

The CSS property to change the background color of an element to Hex C67B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67B4A }
```

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

```
.background{ background-color:#C67B4A }
```

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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