

# Converting Colors

Hex(C47A4B)

Have a look what the booklet for  
Hex(C47A4B) contains.

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**Color**

**Hex(C47A4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C47A4B
RGB	196, 122, 75
RGB Percent	77%, 48%, 29%
CMY	0.2314, 0.5216, 0.7059
CMYK	0.00, 0.38, 0.62, 0.23
HSL	23°, 51%, 53%
HSV	23°, 62%, 77%
XYZ	30.9945, 26.1628, 10.0730
YIQ	138.7680, 59.1910, 1.0710

# Conversions

## Conversions Part 2

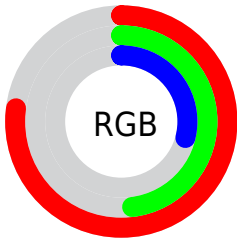
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 152, 75
Decimal	12876363
CIELab	58.19, 24.36, 37.46
CIELCh	58, 44.687, 56.962
Yxy	26.1628, 0.4610, 0.3892
Android (android.graphics.Color)	4291066443 (0xFFC47A4B)
YUV	138.7680, -31.4376, 50.1925
Hunter-Lab	51.1496, 18.6516, 24.1287

# Details

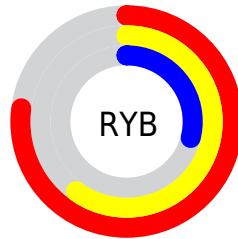
The Hex color **C47A4B** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **4B95C4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAF7D**, and **8A491C** is the 20% darker color. If you saturate the color by 10%, you get **C46E37**, and if you desaturate by 10%, it is **C4865F**.

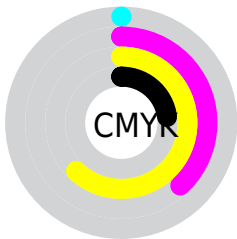
# Distribution



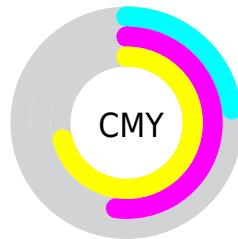
- Red (77%)
- Green (48%)
- Blue (29%)



- Red (77%)
- Yellow (60%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (62%)
- Black (23%)



- Cyan (23%)
- Magenta (52%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47A4B 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 C47A4B by changing the saturation by 10% instead.



 C47A4B

 C47A4B

FFFFFF

 A76133

 FFAF7D

 8A491C

 FFCA97

 6E3104

 FFE7B2

 531B00

 FFFFCE

 370400

 FFFFEA

 1E0001

 000000

 C47A4B

 C47A4B

 C46E37

 C4865F

 C46224

 C49272

 C45610

 C49E86

 C44C00

 C4AA99

 C4B6AD

 C4C2C1

 C4CED4

 C4DAE8

 C4E6FB

# Harmonies

## Analogous

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



D46E6B



C47A4B



A6883B

# Triad

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



C47A4B



009F86



8883D2

# Complementary

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



C47A4B



4B95C4

# 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.



3691DA



C47A4B



009FAE

# Square

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



C47A4B



4E9C60



009BCD



B874B7

# Rectangle

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



C47A4B



8D913E



009BCD



7288D7

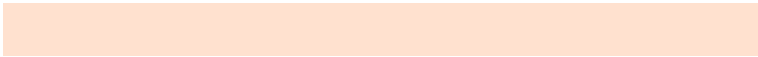


# Sweetspot

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



C47A4B



FFE1CF



C44B96



806E62



000000



808080



# Same Dimension

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



C47A4B



FF8C42



C4B64B



615B57



A13E00



210D00



# Inverse Universe

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



4B95C4



42B6FF



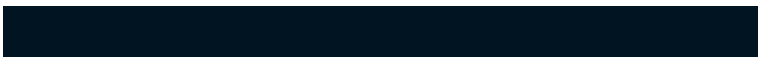
4B59C4



575D61



0062A1

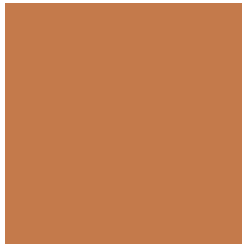


001421



# Previews

## White Background



This preview shows how the Hex color C47A4B looks on a white background.

## Color Contrast Check

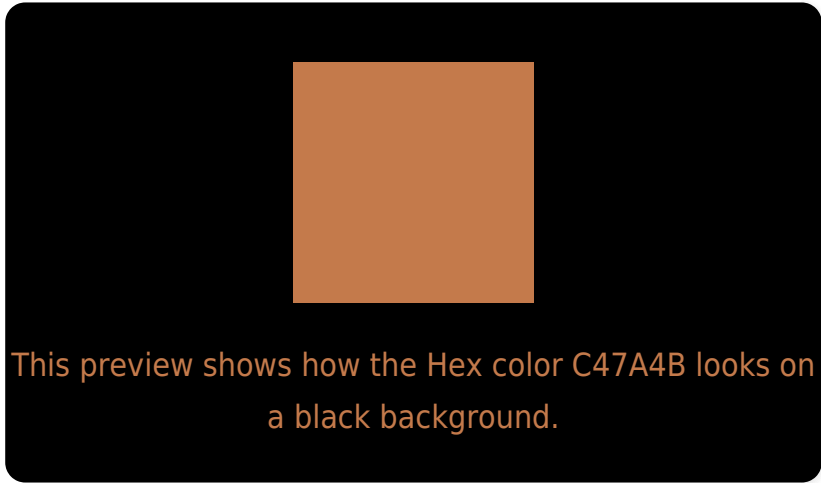
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47A4B Background



This preview shows how black text looks on a background with the Hex color C47A4B.

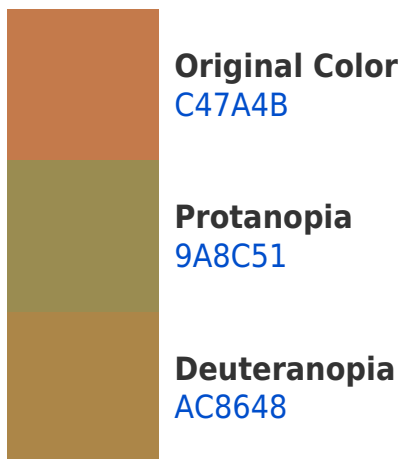


This preview shows how white text looks on a background with the Hex color C47A4B.

# 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**  
C7747D

# Trichromacy



**Original Color**  
C47A4B

**Protanomaly**  
A9854F

**Deuteranomaly**  
B58249

**Tritanomaly**  
C6766B

# Monochromacy



**Original Color**  
C47A4B

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A08574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47A4B 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 #C47A4B looks like.

```
.text, #text, p{  
    color:#C47A4B  
}
```

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 #C47A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47A4B
}
```

## Border

The CSS property to change the border of an element to Hex C47A4B 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
#C47A4B }
```

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

```
.border{ border-color:#C47A4B }
```

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

Here you see how a box with a 4 pixel #C47A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47A4B; -webkit-box-shadow:4px 4px  
4px 4px #C47A4B; box-shadow:4px 4px 4px  
4px #C47A4B }
```

# Background

The CSS property to change the background color of an element to Hex C47A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47A4B }
```

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

```
.background{ background-color:#C47A4B }
```

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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