

# Converting Colors

Hex(C47F4F)

Have a look what the booklet for  
Hex(C47F4F) contains.

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# Color

Hex(C47F4F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C47F4F
RGB	196, 127, 79
RGB Percent	77%, 50%, 31%
CMY	0.2314, 0.5020, 0.6902
CMYK	0.00, 0.35, 0.60, 0.23
HSL	25°, 50%, 54%
HSV	25°, 60%, 77%
XYZ	31.7656, 27.4790, 11.0269
YIQ	142.1590, 56.5320, -0.3000

# Conversions

## Conversions Part 2

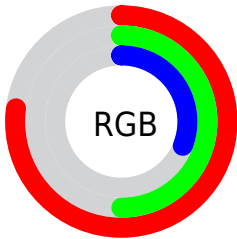
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 160, 79
Decimal	12877647
CIE <sub>Lab</sub>	59.42, 21.92, 36.80
CIE <sub>LCh</sub>	59, 42.835, 59.222
Yxy	27.4790, 0.4520, 0.3910
Android (android.graphics.Color)	4291067727 (0xFFC47F4F)
YUV	142.1590, -31.1374, 47.2186
Hunter-Lab	52.4204, 16.4312, 24.2224

# Details

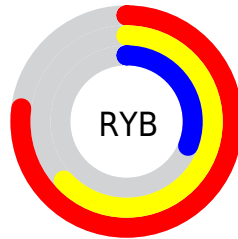
The Hex color **C47F4F** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **4F94C4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB481**, and **8A4D20** is the 20% darker color. If you saturate the color by 10%, you get **C4733B**, and if you desaturate by 10%, it is **C48B63**.

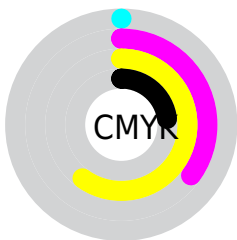
# Distribution



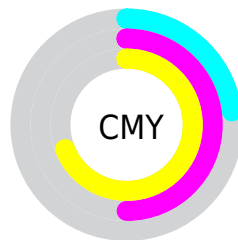
- Red (77%)
- Green (50%)
- Blue (31%)



- Red (77%)
- Yellow (63%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (50%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47F4F 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 C47F4F by changing the saturation by 10% instead.



 C47F4F

 C47F4F

FFFFFF

 A76637

 FFB481

 8A4D20

 FFD09C

 6E3608

 FFECB7

 532000

 FFFFFD3

 380A00

 FFFFFEF

 210001

 000000

 C47F4F

 C47F4F

 C4733B

 C48B63

 C46828

 C49676

 C45C14

 C4A28A

 C45101

 C4AD9D

 C45000

 C4B9B1

 C4C4C5

 C4D0D8

 C4DBEC

 C4E7FF

# Harmonies

## Analogous

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



D5736C



C47F4F



A68D42

# Triad

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



C47F4F



00A28D



9086D1

# Complementary

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



C47F4F



4F94C4

# 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.



4A93DA



C47F4F



00A2B3

# Square

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



C47F4F



519F67



009DCF



BD78B6

# Rectangle

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



C47F4F



8E9445



009DCF



7C8AD6

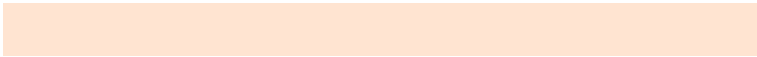


# Sweetspot

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



C47F4F



FFE4D1



C44F95



806F63



000000



808080



# Same Dimension

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



C47F4F



FF9347



C4B84F



615B57



A14200



210E00



# Inverse Universe

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



4F94C4



47B4FF



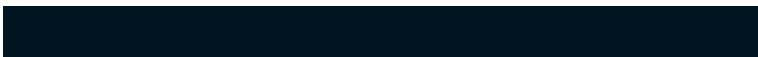
4F5BC4



575D61



005FA1

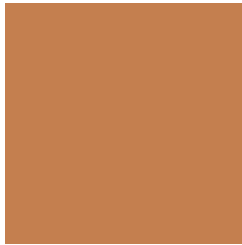


001421



# Previews

## White Background



This preview shows how the Hex color C47F4F looks on a white background.

## Color Contrast Check

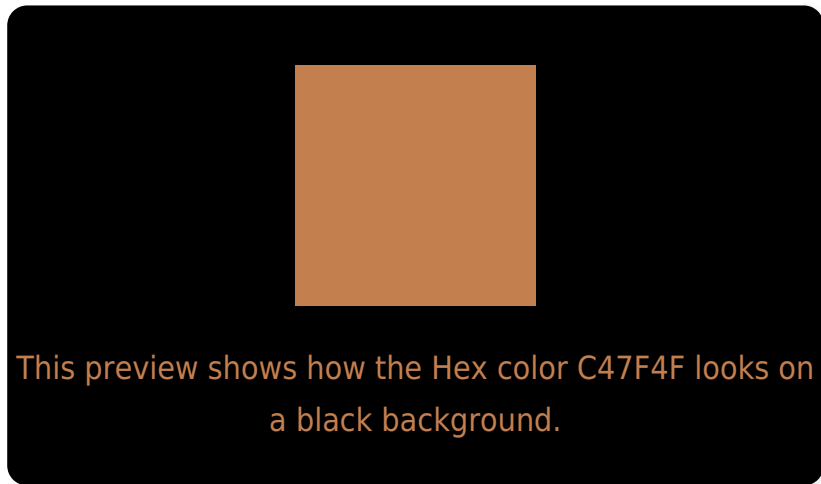
Large Text (above 18pt) WCAG AA ✓ Pass

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

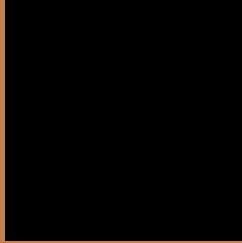
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C47F4F Background



This preview shows how black text looks on a background with the Hex color C47F4F.



This preview shows how white text looks on a background with the Hex color C47F4F.

# 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**  
C47F4F

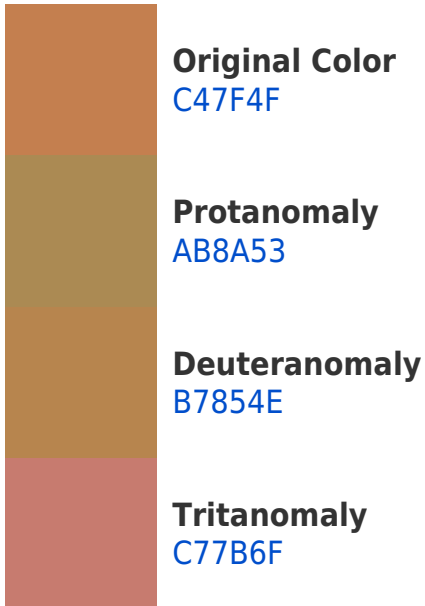
**Protanopia**  
9D9055

**Deuteranopia**  
B0894D



**Tritanopia**  
C87982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47F4F 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 #C47F4F looks like.

```
.text, #text, p{  
    color:#C47F4F  
}
```

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 #C47F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47F4F
}
```

## Border

The CSS property to change the border of an element to Hex C47F4F 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
#C47F4F }
```

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

```
.border{ border-color:#C47F4F }
```

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

Here you see how a box with a 4 pixel #C47F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47F4F; -webkit-box-shadow:4px 4px  
4px 4px #C47F4F; box-shadow:4px 4px 4px  
4px #C47F4F }
```

# Background

The CSS property to change the background color of an element to Hex C47F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47F4F }
```

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

```
.background{ background-color:#C47F4F }
```

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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