

# Converting Colors

Hex(C47D2A)

Have a look what the booklet for  
Hex(C47D2A) contains.

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**Color**

**Hex(C47D2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C47D2A
RGB	196, 125, 42
RGB Percent	77%, 49%, 16%
CMY	0.2314, 0.5098, 0.8353
CMYK	0.00, 0.36, 0.79, 0.23
HSL	32°, 65%, 47%
HSV	32°, 79%, 77%
XYZ	30.5165, 26.5702, 5.7106
YIQ	136.7670, 68.9590, -10.7610

# Conversions

## Conversions Part 2

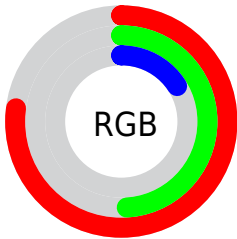
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 196, 42
Decimal	12877098
CIELab	58.57, 20.93, 53.71
CIElCh	59, 57.648, 68.707
Yxy	26.5702, 0.4860, 0.4231
Android (android.graphics.Color)	4291067178 (0xFFC47D2A)
YUV	136.7670, -46.7201, 51.9473
Hunter-Lab	51.5463, 15.4699, 29.5138

# Details

The Hex color **C47D2A** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2A71C4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB25E**, and **894C00** is the 20% darker color. If you saturate the color by 10%, you get **C47416**, and if you desaturate by 10%, it is **C4863E**.

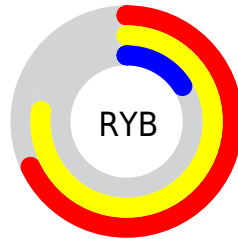
# Distribution



Red (77%)

Green (49%)

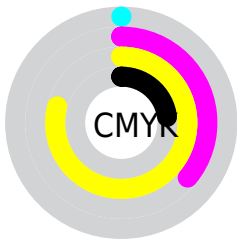
Blue (16%)



Red (68%)

Yellow (77%)

Blue (16%)

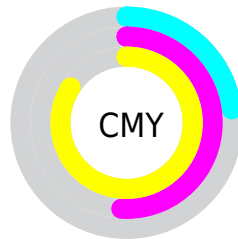


Cyan (0%)

Magenta (36%)

Yellow (79%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47D2A 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 C47D2A by changing the saturation by 10% instead.



 C47D2A

 C47D2A

FFFFFF

 A6640C

 FFB25E

 894C00

 FFCD78

 6C3500

 FFEA92

 501F00

 FFFFFAE

 350900

 FFFFC A

 1C0001

 FFFFFE6

 000000

 C47D2A

 C47D2A

 C47416

 C4863E

 C46B03

 C48F51

 C46A00

 C49865

 C4A178

 C4AA8C

 C4B3A0

 C4BCB3

 C4C5C7

 C4CEDA

# Harmonies

## Analogous

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



E16950



C47D2A



998F1C

# Triad

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



C47D2A



00A59B



A279DC

# Complementary

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



C47D2A



2A71C4

# 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.



3C8EF1



C47D2A



00A3CB

# Square

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



C47D2A



00A366



009CEB



D564B3

# Rectangle

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



C47D2A



77982C



009CEB



8980E6



# Sweetspot

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



C47D2A



FFE3C2



C42A72



806E5B



000000



808080



# Same Dimension

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



C47D2A



FF900F



BFC42A



615C57



A15700



211200



# Inverse Universe

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



2A71C4



0F7EFF



2F2AC4



575C61



004AA1



000F21



# Previews

## White Background



This preview shows how the Hex color C47D2A looks on a white background.

## Color Contrast Check

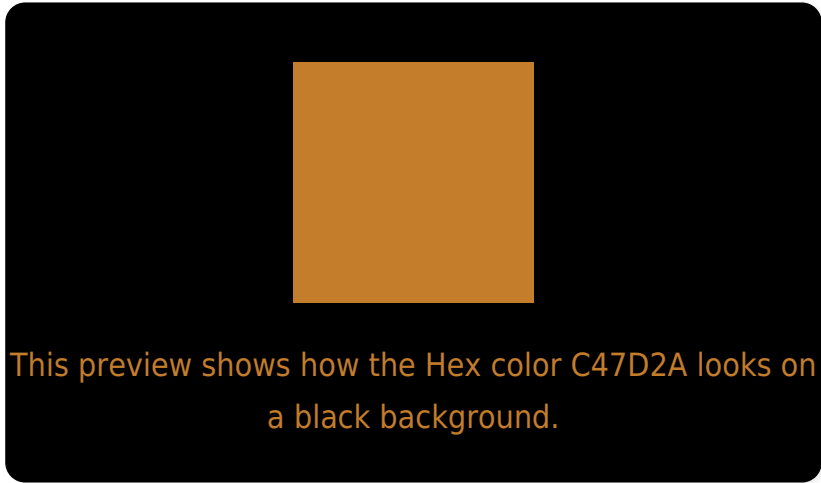
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47D2A Background



This preview shows how black text looks on a background with the Hex color C47D2A.



This preview shows how white text looks on a background with the Hex color C47D2A.

# 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**  
C47D2A

**Protanopia**  
9E8E2E

**Deuteranopia**  
B18626



**Tritanopia**  
C9757E

# Trichromacy



**Original Color**  
C47D2A

**Protanomaly**  
AC882D

**Deuteranomaly**  
B88327

**Tritanomaly**  
C7785F

# Monochromacy



**Original Color**  
C47D2A

**Achromatopsia**  
898989

**Achromatomaly**  
9E8566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47D2A 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 #C47D2A looks like.

```
.text, #text, p{  
    color:#C47D2A  
}
```

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 #C47D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47D2A
}
```

## Border

The CSS property to change the border of an element to Hex C47D2A 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
#C47D2A }
```

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

```
.border{ border-color:#C47D2A }
```

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

Here you see how a box with a 4 pixel #C47D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47D2A; -webkit-box-shadow:4px 4px  
4px 4px #C47D2A; box-shadow:4px 4px 4px  
4px #C47D2A }
```

# Background

The CSS property to change the background color of an element to Hex C47D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47D2A }
```

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

```
.background{ background-color:#C47D2A }
```

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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