

# Converting Colors

Hex(C07D49)

Have a look what the booklet for  
Hex(C07D49) contains.

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**Color**

**Hex(C07D49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07D49
RGB	192, 125, 73
RGB Percent	75%, 49%, 29%
CMY	0.2471, 0.5098, 0.7137
CMYK	0.00, 0.35, 0.62, 0.25
HSL	26°, 49%, 52%
HSV	26°, 62%, 75%
XYZ	30.2744, 26.3547, 9.7947
YIQ	139.1050, 56.6240, -1.9680

# Conversions

## Conversions Part 2

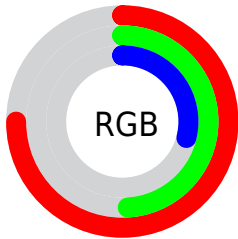
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 165, 73
Decimal	12614985
CIE Lab	58.37, 20.90, 38.61
CIE LCh	58, 43.907, 61.579
Yxy	26.3547, 0.4558, 0.3968
Android (android.graphics.Color)	4290805065 (0xFFC07D49)
YUV	139.1050, -32.5898, 46.3889
Hunter-Lab	51.3369, 15.4257, 24.6237

# Details

The Hex color **C07D49** 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 **498CC0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FCB27B**, and **864C1A** is the 20% darker color. If you saturate the color by 10%, you get **C07236**, and if you desaturate by 10%, it is **C0885C**.

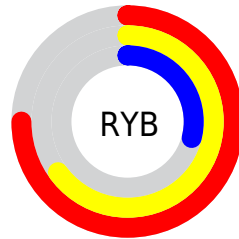
# Distribution



Red (75%)

Green (49%)

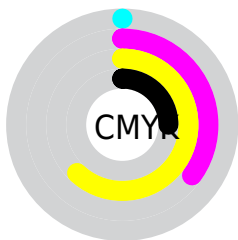
Blue (29%)



Red (75%)

Yellow (65%)

Blue (29%)

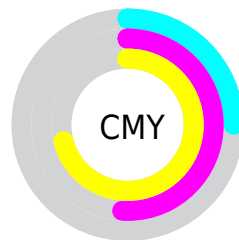


Cyan (0%)

Magenta (35%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C07D49 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 C07D49 by changing the saturation by 10% instead.



 C07D49

 C07D49

FFFFFF

 A36431

 FCB27B

 864C1A

 FFCD95

 6B3401

 FFEAB0

 4F1E00

 FFFFCC

 350900

 FFFFEE

 1B0001

 000000

 C07D49

 C07D49

 C07236

 C0885C

 C06723

 C0936F

 C05D0F

 C09D83

 C05400

 C0A896

 C0B3A9

 C0BEBC

 C0C9CF

 C0D3E3

 C0DEF6

# Harmonies

## Analogous

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



D27066



C07D49



A18B3D

# Triad

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



C07D49



00A08D



9281CE

# Complementary

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



C07D49



498CC0

# 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.



4B90D9



C07D49



009FB3

# Square

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



C07D49



479D66



009ACF



BD73B2

# Rectangle

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



C07D49



889342



009ACF



7E87D4

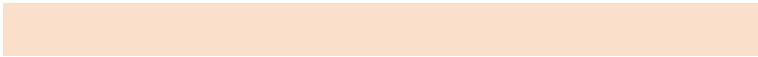


# Sweetspot

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



C07D49



FADFCA



C0498C



7D6D60



FCFCFC



7D7D7D



# Same Dimension

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



C07D49



FA9241



C0B849



615B57



A14600



210E00



# Inverse Universe

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



498CC0



41A9FA



4951C0



575D61



005AA1

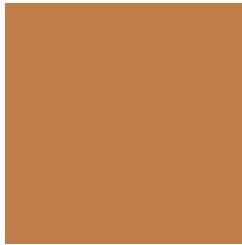


001321



# Previews

## White Background



This preview shows how the Hex color C07D49 looks on a white background.

## Color Contrast Check

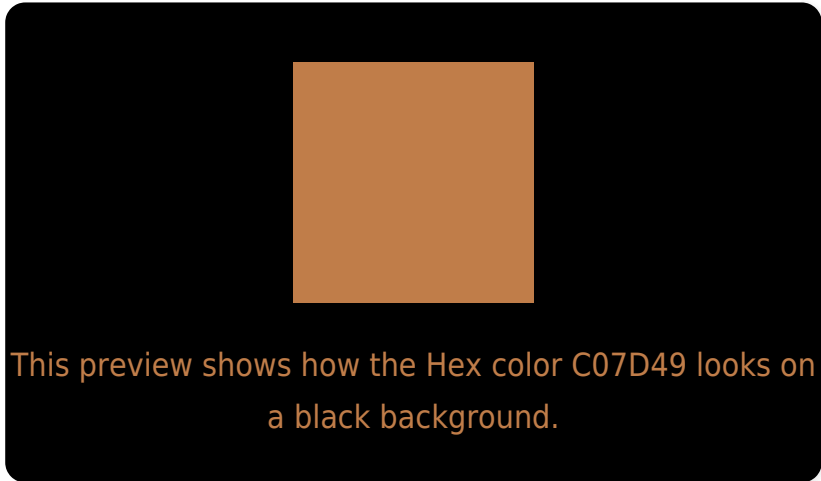
Large Text (above 18pt) WCAG AA ✓ Pass

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

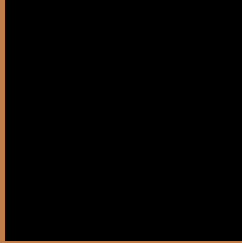
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C07D49 Background



This preview shows how black text looks on a background with the Hex color C07D49.



This preview shows how white text looks on a background with the Hex color C07D49.

# 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**  
C07D49

**Protanopia**  
9B8D4E

**Deuteranopia**  
AD8647



**Tritanopia**  
C477F

# Trichromacy



**Original Color**  
C07D49

**Protanomaly**  
A8874C

**Deuteranomaly**  
B48348

**Tritanomaly**  
C3796B

# Monochromacy



**Original Color**  
C07D49

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
9E8673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C07D49 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 #C07D49 looks like.

```
.text, #text, p{  
    color:#C07D49  
}
```

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 #C07D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C07D49
}
```

## Border

The CSS property to change the border of an element to Hex C07D49 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
#C07D49 }
```

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

```
.border{ border-color:#C07D49 }
```

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

Here you see how a box with a 4 pixel #C07D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C07D49; -webkit-box-shadow:4px 4px  
4px 4px #C07D49; box-shadow:4px 4px 4px  
4px #C07D49 }
```

# Background

The CSS property to change the background color of an element to Hex C07D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C07D49 }
```

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

```
.background{ background-color:#C07D49 }
```

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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