

# Converting Colors

Hex(C37D4D)

Have a look what the booklet for  
Hex(C37D4D) contains.

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**Color**

**Hex(C37D4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37D4D
RGB	195, 125, 77
RGB Percent	76%, 49%, 30%
CMY	0.2353, 0.5098, 0.6980
CMYK	0.00, 0.36, 0.61, 0.24
HSL	24°, 50%, 53%
HSV	24°, 61%, 76%
XYZ	31.1788, 26.8052, 10.5518
YIQ	140.4580, 57.1280, -0.0880

# Conversions

## Conversions Part 2

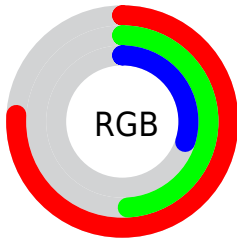
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 158, 77
Decimal	12811597
CIELab	58.79, 22.45, 37.09
CIELCh	59, 43.353, 58.815
Yxy	26.8052, 0.4549, 0.3911
Android (android.graphics.Color)	4291001677 (0xFFC37D4D)
YUV	140.4580, -31.2848, 47.8333
Hunter-Lab	51.7737, 16.8912, 24.1579

# Details

The Hex color **C37D4D** 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 **4D93C3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB27F**, and **894C1E** is the 20% darker color. If you saturate the color by 10%, you get **C3713A**, and if you desaturate by 10%, it is **C38961**.

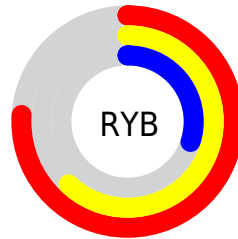
# Distribution



Red (76%)

Green (49%)

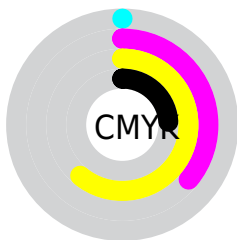
Blue (30%)



Red (76%)

Yellow (62%)

Blue (30%)

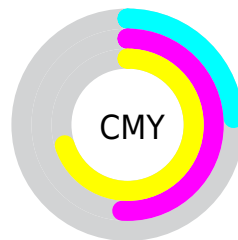


Cyan (0%)

Magenta (36%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37D4D 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 C37D4D by changing the saturation by 10% instead.



 C37D4D

 C37D4D

FFFFFF

 A66435

 FFB27F

 894C1E

 FFCE99

 6D3406

 FFEAB5

 521E00

 FFFFFD0

 370800

 FFFFFED

 1F0001

 000000

 C37D4D

 C37D4D

 C3713A

 C38961

 C36626

 C39474

 C35A12

 C3A087

 C34F00

 C3AB9B

 C3B7AF

 C3C2C2

 C3CED6

 C3DAE9

 C3E5FD

# Harmonies

## Analogous

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



D4716B



C37D4D



A58B3F

# Triad

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



C37D4D



00A18B



8E84D0

# Complementary

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



C37D4D



4D93C3

# 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.



4592D9



C37D4D



00A0B1

# Square

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



C37D4D



4F9D65



009BCE



BB76B5

# Rectangle

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



C37D4D



8D9343



009BCE



7989D5

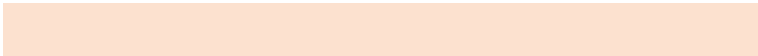


# Sweetspot

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



C37D4D



FCE1CF



C34D94



806F63



000000



808080



# Same Dimension

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



C37D4D



FC8F44



C3B74D



615B57



A14100



210D00



# Inverse Universe

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



4D93C3



44B1FC



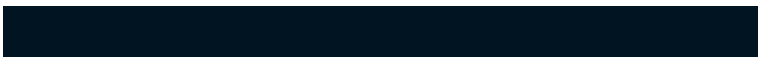
4D59C3



575D61



005FA1

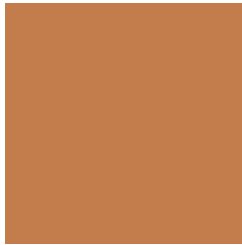


001421



# Previews

## White Background



This preview shows how the Hex color C37D4D looks on a white background.

## Color Contrast Check

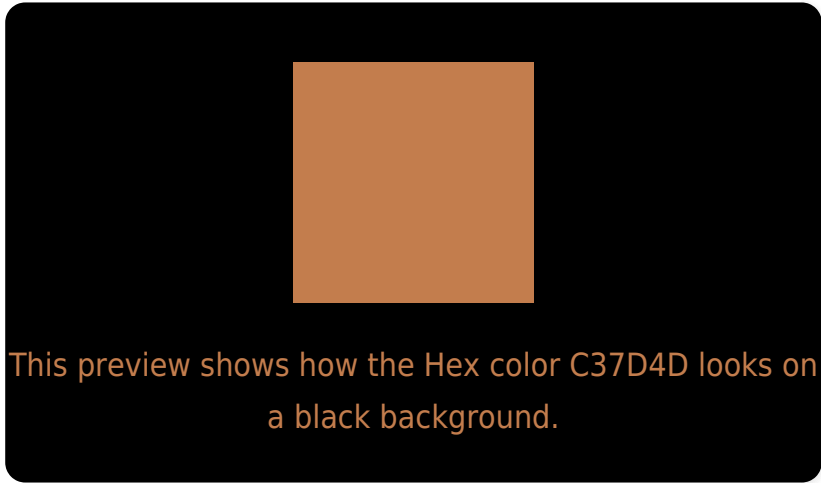
Large Text (above 18pt) WCAG AA ✓ Pass

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

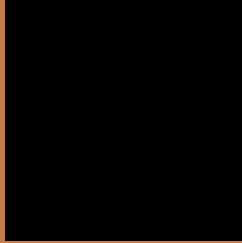
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C37D4D Background



This preview shows how black text looks on a background with the Hex color C37D4D.



This preview shows how white text looks on a background with the Hex color C37D4D.

# 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**  
C37D4D

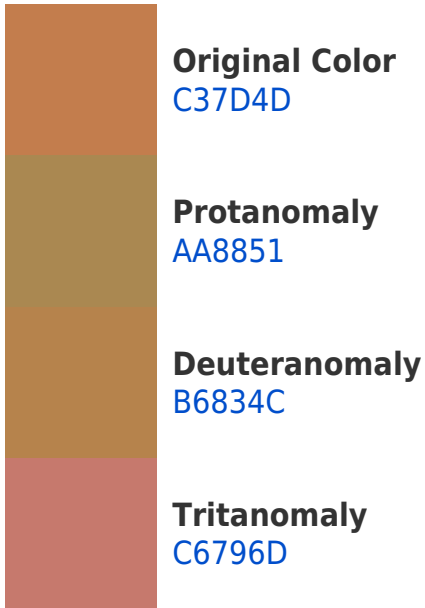
**Protanopia**  
9B8E53

**Deuteranopia**  
AE874B

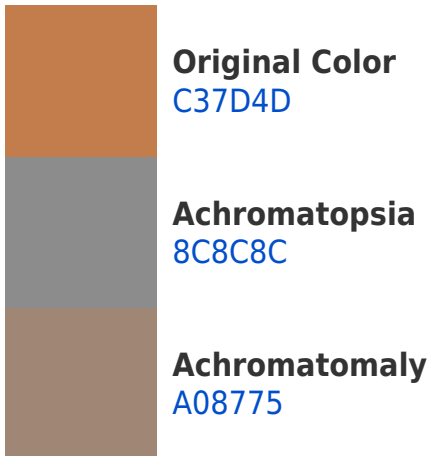


**Tritanopia**  
C77780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37D4D 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 #C37D4D looks like.

```
.text, #text, p{  
    color:#C37D4D  
}
```

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 #C37D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37D4D
}
```

## Border

The CSS property to change the border of an element to Hex C37D4D 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
#C37D4D }
```

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

```
.border{ border-color:#C37D4D }
```

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

Here you see how a box with a 4 pixel #C37D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37D4D; -webkit-box-shadow:4px 4px  
4px 4px #C37D4D; box-shadow:4px 4px 4px  
4px #C37D4D }
```

# Background

The CSS property to change the background color of an element to Hex C37D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37D4D }
```

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

```
.background{ background-color:#C37D4D }
```

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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