

# Converting Colors

Hex(C37E49)

Have a look what the booklet for  
Hex(C37E49) contains.

<b>Hex(C37E49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C37E49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C37E49
RGB	195, 126, 73
RGB Percent	76%, 49%, 29%
CMY	0.2353, 0.5059, 0.7137
CMYK	0.00, 0.35, 0.63, 0.24
HSL	26°, 50%, 53%
HSV	26°, 63%, 76%
XYZ	31.1691, 27.0049, 9.8730
YIQ	140.5890, 58.1370, -1.8550

# Conversions

## Conversions Part 2

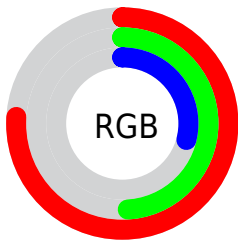
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 167, 73
Decimal	12811849
CIE <sub>Lab</sub>	58.98, 21.61, 39.42
CIE <sub>LCh</sub>	59, 44.959, 61.265
Yxy	27.0049, 0.4581, 0.3969
Android (android.graphics.Color)	4291001929 (0xFFC37E49)
YUV	140.5890, -33.3214, 47.7184
Hunter-Lab	51.9662, 16.1228, 25.1119

# Details

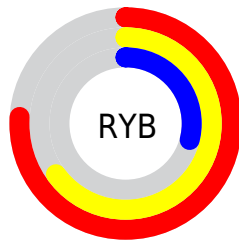
The Hex color **C37E49** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **498EC3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB37B**, and **894D1A** is the 20% darker color. If you saturate the color by 10%, you get **C37335**, and if you desaturate by 10%, it is **C3895C**.

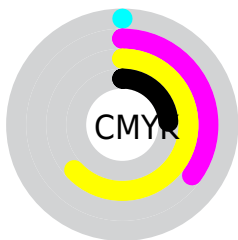
# Distribution



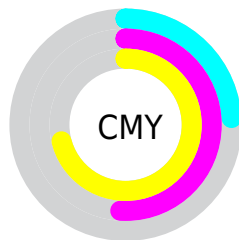
- Red (76%)
- Green (49%)
- Blue (29%)



- Red (76%)
- Yellow (65%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (63%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37E49 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 C37E49 by changing the saturation by 10% instead.



 C37E49

 C37E49

FFFFFF

 A66531

 FFB37B

 894D1A

 FFCF95

 6D3500

 FFEBB0

 521F00

 FFFFCC

 370900

 FFFFFE8

 1F0001

 000000

 C37E49

 C37E49

 C37335

 C3895C

 C36822

 C39470

 C35D0E

 C39F84

 C35500

 C3AA97

 C3B5AB

 C3C0BE

 C3CBD1

 C3D6E5

 C3E1F8

# Harmonies

## Analogous

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



D67167



C37E49



A38C3C

# Triad

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



C37E49



00A28E



9383D2

# Complementary

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



C37E49



498EC3

# 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.



4892DD



C37E49



00A1B6

# Square

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



C37E49



479F66



009CD2



C074B5

# Rectangle

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



C37E49



899441



009CD2



7E88D7

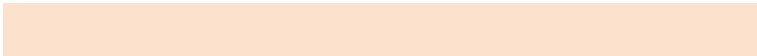


# Sweetspot

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



C37E49



FCE1CC



C3498E



806F62



000000



808080



# Same Dimension

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



C37E49



FC913F



C3BB49



615B57



A14600



210E00



# Inverse Universe

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



498EC3



3FAAFC



4951C3



575D61



005BA1

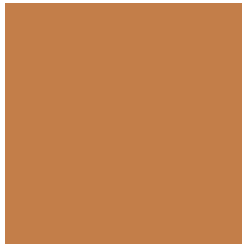


001321



# Previews

## White Background



This preview shows how the Hex color C37E49 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

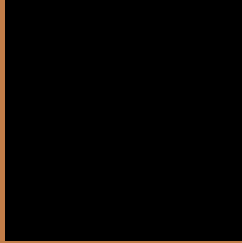
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C37E49 Background



This preview shows how black text looks on a background with the Hex color C37E49.



This preview shows how white text looks on a background with the Hex color C37E49.

# 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**  
C37E49

**Protanopia**  
9D8E4F

**Deuteranopia**  
AF8847

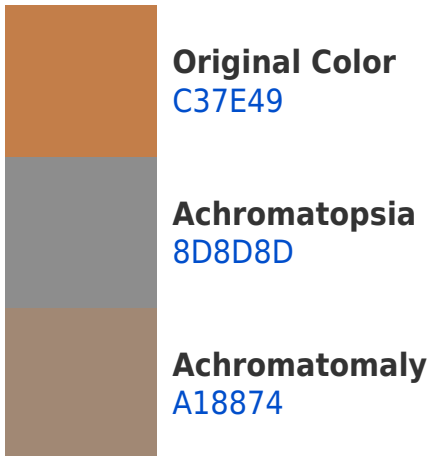


**Tritanopia**  
C77780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37E49 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 #C37E49 looks like.

```
.text, #text, p{  
    color:#C37E49  
}
```

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 #C37E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37E49
}
```

## Border

The CSS property to change the border of an element to Hex C37E49 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
#C37E49 }
```

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

```
.border{ border-color:#C37E49 }
```

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

Here you see how a box with a 4 pixel #C37E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37E49; -webkit-box-shadow:4px 4px  
4px 4px #C37E49; box-shadow:4px 4px 4px  
4px #C37E49 }
```

# Background

The CSS property to change the background color of an element to Hex C37E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37E49 }
```

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

```
.background{ background-color:#C37E49 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor