

# Converting Colors

Hex(C67D37)

Have a look what the booklet for  
Hex(C67D37) contains.

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**Color**

**Hex(C67D37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67D37
RGB	198, 125, 55
RGB Percent	78%, 49%, 22%
CMY	0.2235, 0.5098, 0.7843
CMYK	0.00, 0.37, 0.72, 0.22
HSL	29°, 57%, 50%
HSV	29°, 72%, 78%
XYZ	31.3119, 26.9488, 7.1658
YIQ	138.8470, 65.9780, -6.2940

# Conversions

## Conversions Part 2

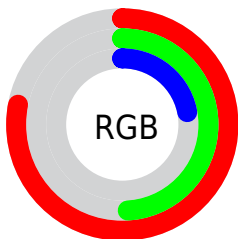
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 192, 55
Decimal	13008183
CIELab	58.93, 22.36, 48.44
CIELCh	59, 53.350, 65.217
Yxy	26.9488, 0.4786, 0.4119
Android (android.graphics.Color)	4291198263 (0xFFC67D37)
YUV	138.8470, -41.3366, 51.8772
Hunter-Lab	51.9123, 16.8193, 28.1544

# Details

The Hex color **C67D37** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3780C6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB269**, and **8B4C00** is the 20% darker color. If you saturate the color by 10%, you get **C67323**, and if you desaturate by 10%, it is **C6874B**.

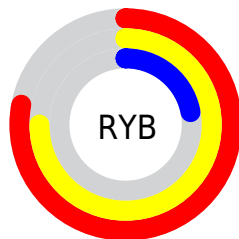
# Distribution



Red (78%)

Green (49%)

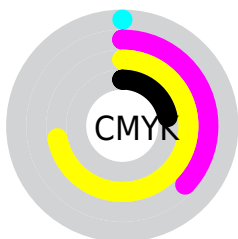
Blue (22%)



Red (78%)

Yellow (75%)

Blue (22%)

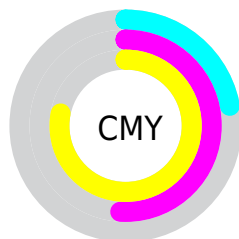


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C67D37 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 C67D37 by changing the saturation by 10% instead.



 C67D37

 C67D37

FFFFFF

 A8641E

 FFB269

 8B4C00

 FFCD83

 6F3400

 FFEA9E

 521E00

 FFFFBA

 370800

 FFFFFD6

 1F0001

 FFFFFF3

 000000

 C67D37

 C67D37

 C67323

 C6874B

 C6690F

 C6915F

 C66100

 C69B72

 C6A586

 C6B09A

 C6BAAE

 C6C4C2

 C6CED5

 C6D8E9

# Harmonies

## Analogous

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



DF6B5A



C67D37



9F8E29

# Triad

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



C67D37



00A595



9B7EDB

# Complementary

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



C67D37



3780C6

# 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.



3A90EB



C67D37



00A3C3

# Square

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



C67D37



1EA265



009DE2



CD6BB6

# Rectangle

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



C67D37



809733



009DE2



8285E3



# Sweetspot

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



C67D37



FFE2C7



C63781



806F5E



000000



808080



# Same Dimension

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



C67D37



FF8E21



C6C437



635E5A



A35000



241100



# Inverse Universe

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



3780C6



2192FF



3739C6



5A5F63



0053A3

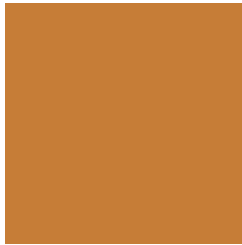


001224



# Previews

## White Background



This preview shows how the Hex color C67D37 looks on a white background.

## Color Contrast Check

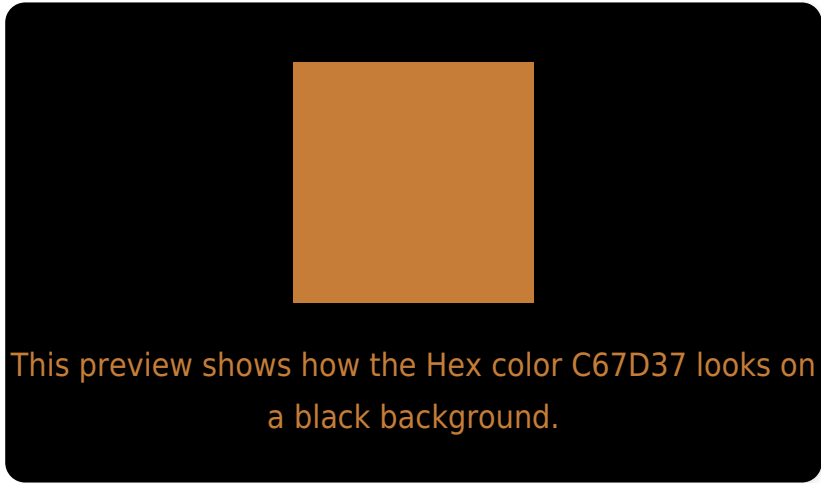
Large Text (above 18pt) WCAG AA ✓ Pass

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

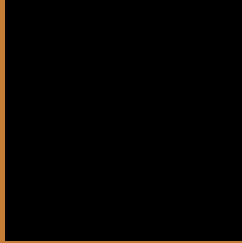
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C67D37 Background



This preview shows how black text looks on a background with the Hex color C67D37.



This preview shows how white text looks on a background with the Hex color C67D37.

# 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**  
C67D37

**Protanopia**  
9E8E3C

**Deuteranopia**  
B18734



# Trichromacy



**Original Color**  
C67D37

**Protanomaly**  
AD883A

**Deuteranomaly**  
B98335

**Tritanomaly**  
C97864

# Monochromacy



**Original Color**  
C67D37

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A0866C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C67D37 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 #C67D37 looks like.

```
.text, #text, p{  
    color:#C67D37  
}
```

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 #C67D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67D37  
}
```

## Border

The CSS property to change the border of an element to Hex C67D37 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  
#C67D37 }
```

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

```
.border{ border-color:#C67D37 }
```

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

Here you see how a box with a 4 pixel #C67D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67D37; -webkit-box-shadow:4px 4px  
4px 4px #C67D37; box-shadow:4px 4px 4px  
4px #C67D37 }
```

# Background

The CSS property to change the background color of an element to Hex C67D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67D37 }
```

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

```
.background{ background-color:#C67D37 }
```

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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