

# Converting Colors

Hex(C67B57)

Have a look what the booklet for  
Hex(C67B57) contains.

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# Color

**Hex(C67B57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67B57
RGB	198, 123, 87
RGB Percent	78%, 48%, 34%
CMY	0.2235, 0.5176, 0.6588
CMYK	0.00, 0.38, 0.56, 0.22
HSL	19°, 49%, 56%
HSV	19°, 56%, 78%
XYZ	32.0920, 26.8598, 12.5099
YIQ	141.3210, 56.2560, 4.7040

# Conversions

## Conversions Part 2

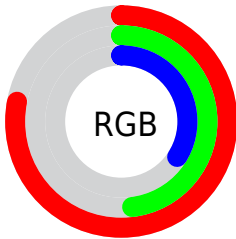
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 140, 87
Decimal	13007703
CIELab	58.84, 25.56, 31.81
CIELCh	59, 40.812, 51.217
Yxy	26.8598, 0.4491, 0.3759
Android (android.graphics.Color)	4291197783 (0xFFC67B57)
YUV	141.3210, -26.7803, 49.7075
Hunter-Lab	51.8264, 19.8345, 21.9671

# Details

The Hex color **C67B57** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57A2C6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB089**, and **8C4928** is the 20% darker color. If you saturate the color by 10%, you get **C66E43**, and if you desaturate by 10%, it is **C6886B**.

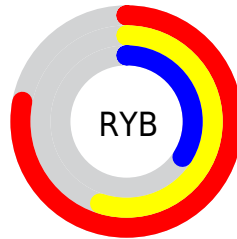
# Distribution



Red (78%)

Green (48%)

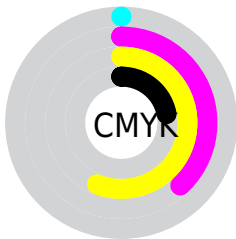
Blue (34%)



Red (78%)

Yellow (55%)

Blue (34%)

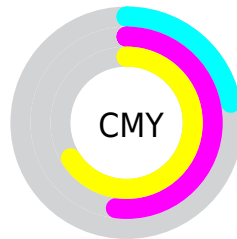


Cyan (0%)

Magenta (38%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C67B57 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 C67B57 by changing the saturation by 10% instead.



 C67B57

 C67B57

FFFFFF

 A9623F

 FFB089

 8C4928

 FFCCA4

 703212

 FFE8BF

 551B00

 FFFFDB

 3A0400

 FFFF8

 220001

 000000

 C67B57

 C67B57

 C66E43

 C6886B

 C6602F

 C6967F

 C6531C

 C6A392

 C64508

 C6B1A6

 C64000

 C6BEBA

 C6CBCE

 C6D9E2

 C6E6F5

 C6F3FF

# Harmonies

## Analogous

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



D27176



C67B57



AD8846

# Triad

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



C67B57



229F81



8088D0

# Complementary

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



C67B57



57A2C6

# 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.



3794D4



C67B57



00A0A6

# Square

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



C67B57



609B5F



009CC4



B07BBB

# Rectangle

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



C67B57



969045



009CC4



6C8DD4

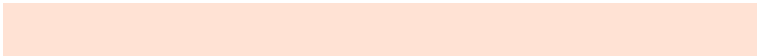


# Sweetspot

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



C67B57



FFE2D4



C657A3



806E66



000000



808080



# Same Dimension

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



C67B57



FF8C54



C6B257



635D5A



A33500



240C00



# Inverse Universe

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



57A2C6



54C8FF



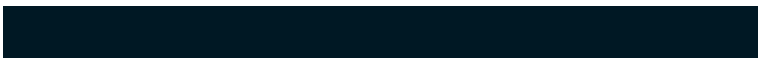
576BC6



5A6063



006EA3



001824



# Previews

## White Background



This preview shows how the Hex color C67B57 looks on a white background.

## Color Contrast Check

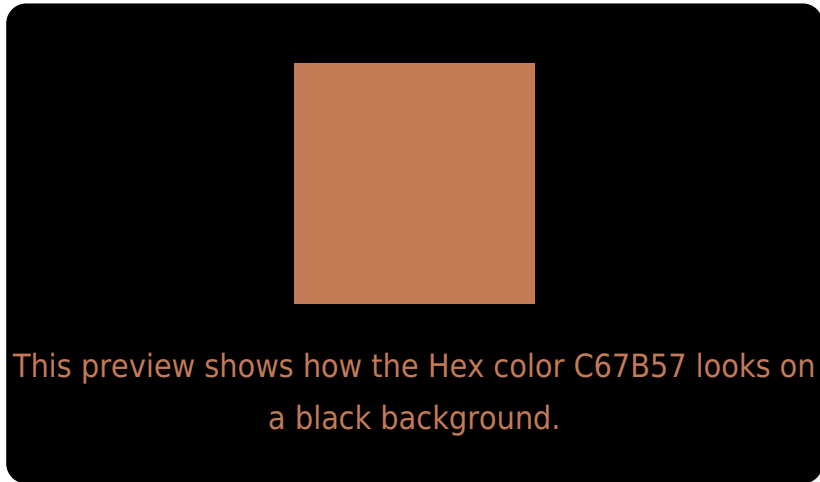
Large Text (above 18pt) WCAG AA ✓ Pass

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

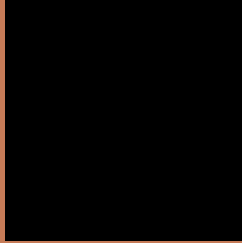
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C67B57 Background



This preview shows how black text looks on a background with the Hex color C67B57.



This preview shows how white text looks on a background with the Hex color C67B57.

# 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**  
C67B57

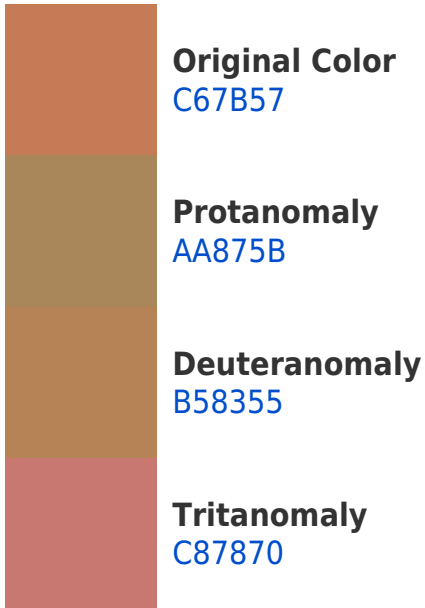
**Protanopia**  
9A8E5E

**Deuteranopia**  
AC8854



**Tritanopia**  
C9767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C67B57 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 #C67B57 looks like.

```
.text, #text, p{  
    color:#C67B57  
}
```

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 #C67B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67B57
}
```

## Border

The CSS property to change the border of an element to Hex C67B57 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
#C67B57 }
```

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

```
.border{ border-color:#C67B57 }
```

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

Here you see how a box with a 4 pixel #C67B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67B57; -webkit-box-shadow:4px 4px  
4px 4px #C67B57; box-shadow:4px 4px 4px  
4px #C67B57 }
```

# Background

The CSS property to change the background color of an element to Hex C67B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67B57 }
```

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

```
.background{ background-color:#C67B57 }
```

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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