

# Converting Colors

Hex(C66A5C)

Have a look what the booklet for  
Hex(C66A5C) contains.

<b>Hex(C66A5C)</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(C66A5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C66A5C
RGB	198, 106, 92
RGB Percent	78%, 42%, 36%
CMY	0.2235, 0.5843, 0.6392
CMYK	0.00, 0.46, 0.54, 0.22
HSL	8°, 48%, 57%
HSV	8°, 54%, 78%
XYZ	30.3745, 23.0865, 12.9805
YIQ	131.9120, 59.3260, 15.1500

# Conversions

## Conversions Part 2

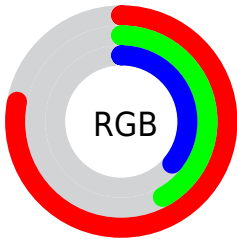
Format	Color
<b>RYB</b>	198, 108, 92
Decimal	13003356
CIELab	55.16, 35.11, 24.26
CIELCh	55, 42.678, 34.640
Yxy	23.0865, 0.4572, 0.3475
Android (android.graphics.Color)	4291193436 (0xFFC66A5C)
YUV	131.9120, -19.6766, 57.9592
Hunter-Lab	48.0485, 28.7565, 17.6165

# Details

The Hex color **C66A5C** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **5CB8C6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9F8E**, and **8C382E** is the 20% darker color. If you saturate the color by 10%, you get **C65948**, and if you desaturate by 10%, it is **C67B70**.

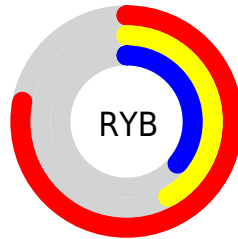
# Distribution



Red (78%)

Green (42%)

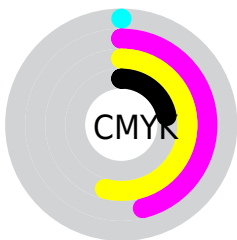
Blue (36%)



Red (78%)

Yellow (42%)

Blue (36%)

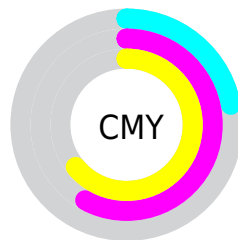


Cyan (0%)

Magenta (46%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C66A5C 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 C66A5C by changing the saturation by 10% instead.



 C66A5C

 C66A5C

FFFFFF

 A95144

 FF9F8E

 8C382E

 FFBA A9

 701F19

 FFD6C4

 540200

 FFF3E0

 390000

FFFFFFD

 1B0001

 000000

 C66A5C

 C66A5C

 C65948

 C67B70

 C64834

 C68C84

 C63621

 C69E97

 C6250D

 C6AFAB

 C61A00

 C6C0BF

 C6D1D3

 C6E2E7

 C6F3FA

 C6FFFF

# Harmonies

## Analogous

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



C86480



C66A5C



B37741

# Triad

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



C66A5C



3B9463



4D86CE

# Complementary

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



C66A5C



5CB8C6

# 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.



0090C6



C66A5C



009789

# Square

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



C66A5C



6E8E45



0096AD



8E78C1

# Rectangle

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



C66A5C



A08038



0096AD



2A8ACD



# Sweetspot

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



C66A5C



FFDCD6



C65CBA



806A67



000000



808080



# Same Dimension

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



C66A5C



FF715C



C69D5C



635B5A



A31600



240500

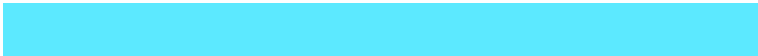


# Inverse Universe

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



5CB8C6



5CE9FF



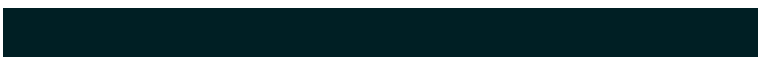
5C85C6



5A6263



008EA3



001F24



# Previews

## White Background



This preview shows how the Hex color C66A5C looks on a white background.

## Color Contrast Check

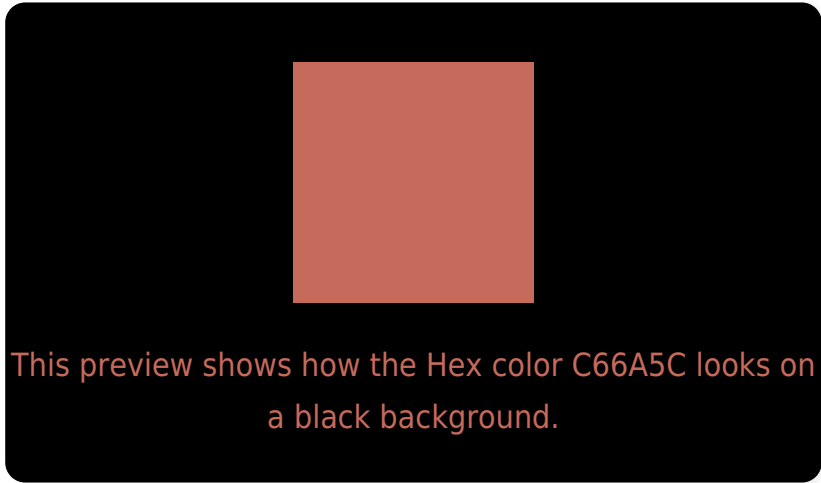
Large Text (above 18pt) WCAG AA ✓ Pass

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

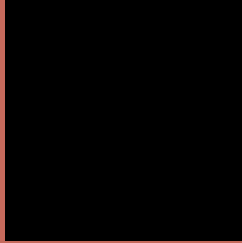
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C66A5C Background



This preview shows how black text looks on a background with the Hex color C66A5C.



This preview shows how white text looks on a background with the Hex color C66A5C.

# 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**  
C66A5C

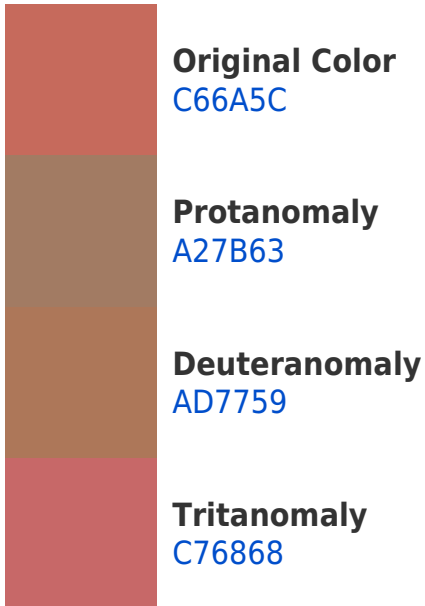
**Protanopia**  
8D8467

**Deuteranopia**  
9F7F58

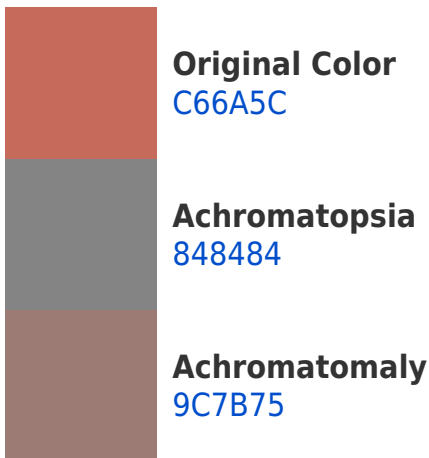


**Tritanopia**  
C7676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C66A5C 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 #C66A5C looks like.

```
.text, #text, p{  
    color:#C66A5C  
}
```

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 #C66A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66A5C
}
```

## Border

The CSS property to change the border of an element to Hex C66A5C 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
#C66A5C }
```

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

```
.border{ border-color:#C66A5C }
```

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

Here you see how a box with a 4 pixel #C66A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66A5C; -webkit-box-shadow:4px 4px  
4px 4px #C66A5C; box-shadow:4px 4px 4px  
4px #C66A5C }
```

# Background

The CSS property to change the background color of an element to Hex C66A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66A5C }
```

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

```
.background{ background-color:#C66A5C }
```

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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