

# Converting Colors

Hex(C6603C)

Have a look what the booklet for  
Hex(C6603C) contains.

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**Color**

**Hex(C6603C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6603C
RGB	198, 96, 60
RGB Percent	78%, 38%, 24%
CMY	0.2235, 0.6235, 0.7647
CMYK	0.00, 0.52, 0.70, 0.22
HSL	16°, 55%, 51%
HSV	16°, 70%, 78%
XYZ	28.2872, 20.6978, 6.7791
YIQ	122.3940, 72.3480, 10.4280

# Conversions

## Conversions Part 2

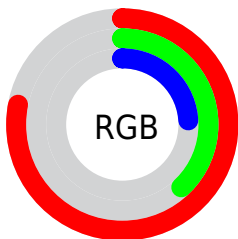
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 109, 60
Decimal	13000764
CIE <sub>Lab</sub>	52.62, 38.06, 39.04
CIE <sub>LCh</sub>	53, 54.522, 45.724
Yxy	20.6978, 0.5073, 0.3712
Android (android.graphics.Color)	4291190844 (0xFFC6603C)
YUV	122.3940, -30.7602, 66.3065
Hunter-Lab	45.4948, 31.3697, 23.0116

# Details

The Hex color **C6603C** 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 **3CA2C6**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF956D**, and **8A2D0E** is the 20% darker color. If you saturate the color by 10%, you get **C65128**, and if you desaturate by 10%, it is **C66F50**.

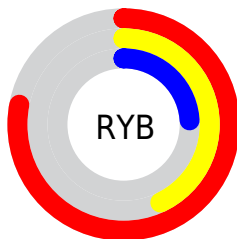
# Distribution



Red (78%)

Green (38%)

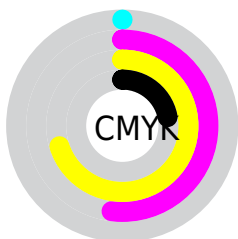
Blue (24%)



Red (78%)

Yellow (43%)

Blue (24%)

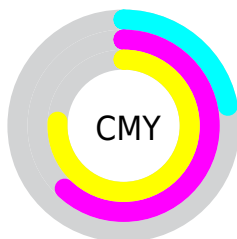


Cyan (0%)

Magenta (52%)

Yellow (70%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6603C 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 C6603C by changing the saturation by 10% instead.



 C6603C

 C6603C

FFFFFF

 A84725

 FF956D

 8A2D0E

 FFB086

 6D1200

 FFCCA1

 500000

 FFE8BC

 360000

 FFFFFD8

 0F0000

 FFFFF5

 000000

 C6603C

 C6603C

 C65128

 C66F50

 C64314

 C67D64

 C63401

 C68C77

 C63400

 C69B8B

 C6A99F

 C6B8B3

 C6C6C7

 C6D5DA

 C6E4EE

# Harmonies

## Analogous

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



D25267



C6603C



A8731B

# Triad

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



C6603C



009265



517AD8

# Complementary

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



C6603C



3CA2C6

# 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.



0089D8



C6603C



009496

# Square

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



C6603C



478D38



0091C0



9F66BF

# Rectangle

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



C6603C



8D7E12



0091C0



1380DB



# Sweetspot

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



C6603C



FFD7C9



C63CA4



806860



000000



808080



# Same Dimension

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



C6603C



FF6129



C6A43C



635C5A



A32B00



240900



# Inverse Universe

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



3CA2C6



29C7FF



3C5FC6



5A6163



0079A3

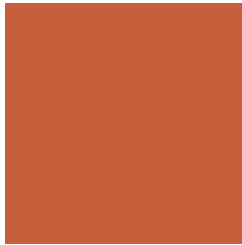


001A24



# Previews

## White Background



This preview shows how the Hex color C6603C looks on a white background.

## Color Contrast Check

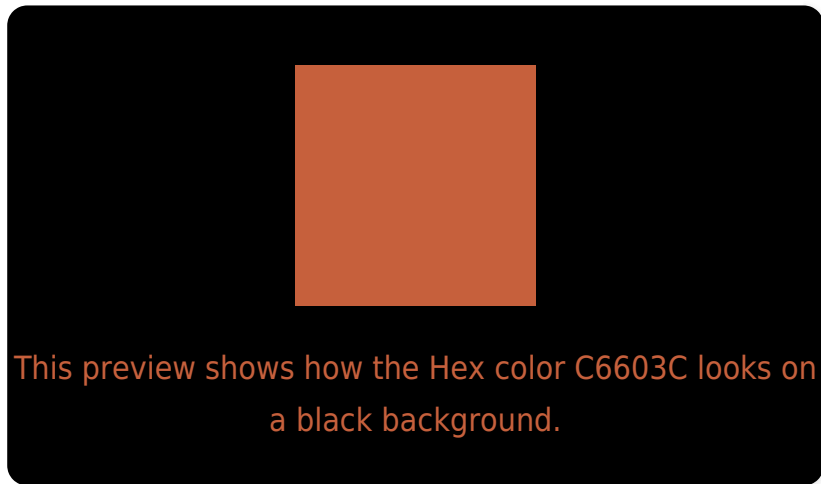
Large Text (above 18pt) WCAG AA ✓ Pass

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 C6603C Background



This preview shows how black text looks on a background with the Hex color C6603C.



This preview shows how white text looks on a background with the Hex color C6603C.

# 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**  
C6603C

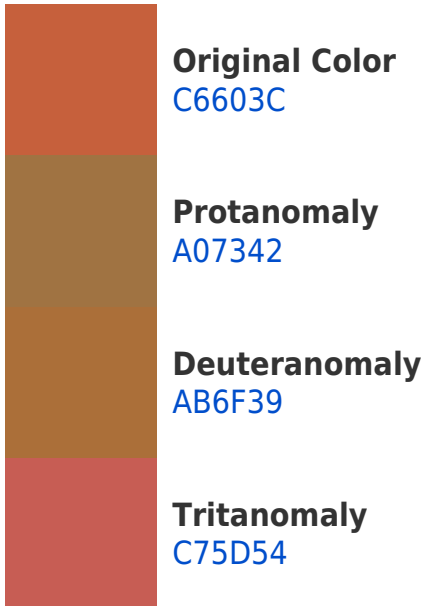
**Protanopia**  
8B7E46

**Deuteranopia**  
9C7837



**Tritanopia**  
C85B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6603C 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 #C6603C looks like.

```
.text, #text, p{  
    color:#C6603C  
}
```

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 #C6603C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6603C
}
```

## Border

The CSS property to change the border of an element to Hex C6603C 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
#C6603C }
```

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

```
.border{ border-color:#C6603C }
```

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

Here you see how a box with a 4 pixel #C6603C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6603C; -webkit-box-shadow:4px 4px  
4px 4px #C6603C; box-shadow:4px 4px 4px  
4px #C6603C }
```

# Background

The CSS property to change the background color of an element to Hex C6603C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6603C }
```

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

```
.background{ background-color:#C6603C }
```

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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