

# Converting Colors

Hex(C7783C)

Have a look what the booklet for  
Hex(C7783C) contains.

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**Color**

**Hex(C7783C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7783C
RGB	199, 120, 60
RGB Percent	78%, 47%, 24%
CMY	0.2196, 0.5294, 0.7647
CMYK	0.00, 0.40, 0.70, 0.22
HSL	26°, 55%, 51%
HSV	26°, 70%, 78%
XYZ	31.0853, 25.9013, 7.6360
YIQ	136.7810, 66.3440, -1.9120

# Conversions

## Conversions Part 2

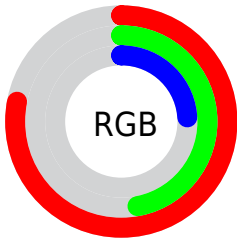
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 166, 60
Decimal	13072444
CIE <sub>Lab</sub>	57.94, 25.77, 45.01
CIE <sub>LCh</sub>	58, 51.865, 60.210
Yxy	25.9013, 0.4810, 0.4008
Android (android.graphics.Color)	4291262524 (0xFFC7783C)
YUV	136.7810, -37.8530, 54.5661
Hunter-Lab	50.8933, 19.9632, 26.7294

# Details

The Hex color **C7783C** 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 **3C8BC7**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAD6E**, and **8C4709** is the 20% darker color. If you saturate the color by 10%, you get **C76D28**, and if you desaturate by 10%, it is **C78350**.

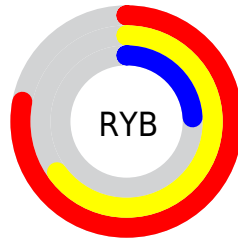
# Distribution



Red (78%)

Green (47%)

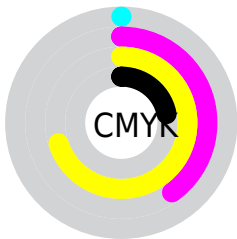
Blue (24%)



Red (78%)

Yellow (65%)

Blue (24%)

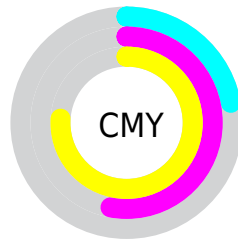


Cyan (0%)

Magenta (40%)

Yellow (70%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7783C 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 C7783C by changing the saturation by 10% instead.



 C7783C

 C7783C

FFFFFF

 A95F24

 FFAD6E

 8C4709

 FFC888

 702F00

 FFE5A3

 531900

 FFFFBE

 380200

 FFFFDA

 1F0001

 FFFFFFF7

 000000

 C7783C

 C7783C

 C76D28

 C78350

 C76114

 C78F64

 C75600

 C79A78

 C7A58C

 C7B1A0

 C7BCB3

 C7C7C7

 C7D2DB

 C7DEEF

# Harmonies

## Analogous

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



DC6860



C7783C



A4892A

# Triad

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



C7783C



00A18A



8D7FDA

# Complementary

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



C7783C



3C8BC7

# 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.



1990E6



C7783C



00A1B8

# Square

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



C7783C



359E5C



009BD9



C36DB9

# Rectangle

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



C7783C



869230



009BD9



7385E1



# Sweetspot

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



C7783C



FFE1C9



C73C8D



806D60



000000



808080



# Same Dimension

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



C7783C



FF8529



C7BB3C



635E5A



A34600



240F00



# Inverse Universe

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



3C8BC7



29A3FF



3C48C7



5A5F63



005DA3



001424



# Previews

## White Background



This preview shows how the Hex color C7783C looks on a white background.

## Color Contrast Check

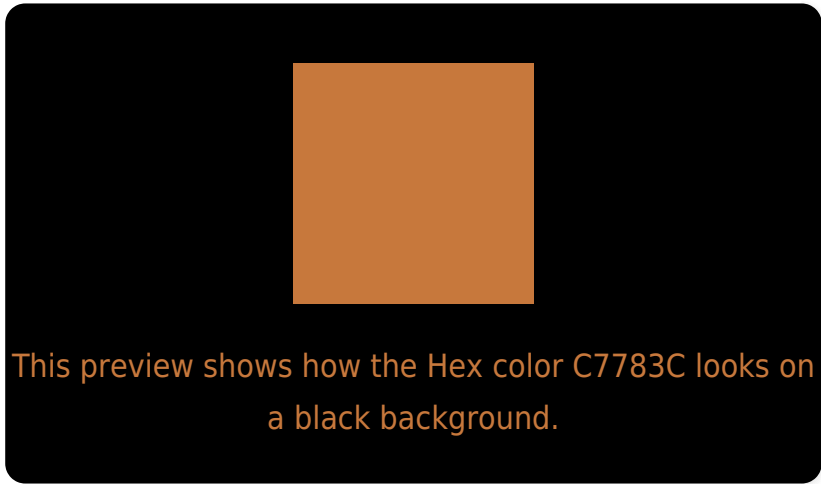
Large Text (above 18pt) WCAG AA ✓ Pass

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

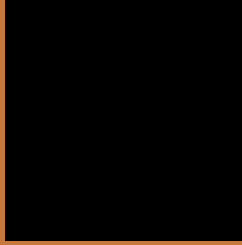
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C7783C Background



This preview shows how black text looks on a background with the Hex color C7783C.



This preview shows how white text looks on a background with the Hex color C7783C.

# 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**  
C7783C

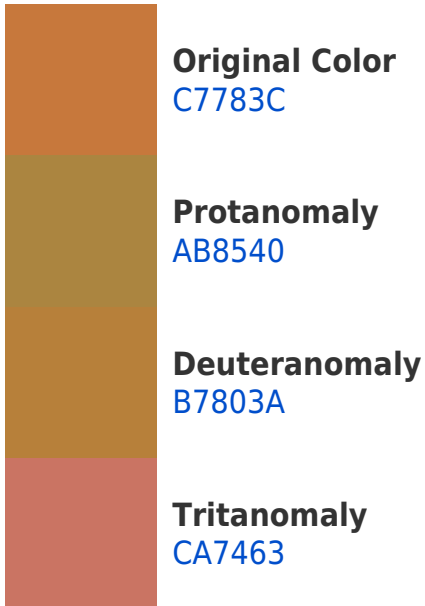
**Protanopia**  
9B8C42

**Deuteranopia**  
AE8539



**Tritanopia**  
CB7179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7783C 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 #C7783C looks like.

```
.text, #text, p{  
    color:#C7783C  
}
```

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 #C7783C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7783C
}
```

## Border

The CSS property to change the border of an element to Hex C7783C 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
#C7783C }
```

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

```
.border{ border-color:#C7783C }
```

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

Here you see how a box with a 4 pixel #C7783C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7783C; -webkit-box-shadow:4px 4px  
4px 4px #C7783C; box-shadow:4px 4px 4px  
4px #C7783C }
```

# Background

The CSS property to change the background color of an element to Hex C7783C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7783C }
```

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

```
.background{ background-color:#C7783C }
```

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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