

# Converting Colors

Hex(C7753D)

Have a look what the booklet for  
Hex(C7753D) contains.

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**Color**

**Hex(C7753D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7753D
RGB	199, 117, 61
RGB Percent	78%, 46%, 24%
CMY	0.2196, 0.5412, 0.7608
CMYK	0.00, 0.41, 0.69, 0.22
HSL	24°, 55%, 51%
HSV	24°, 69%, 78%
XYZ	30.7568, 25.2016, 7.6582
YIQ	135.1340, 66.8480, -0.0320

# Conversions

## Conversions Part 2

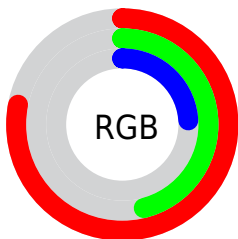
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 155, 61
Decimal	13071677
CIELab	57.27, 27.45, 43.77
CIELCh	57, 51.666, 57.912
Yxy	25.2016, 0.4835, 0.3961
Android (android.graphics.Color)	4291261757 (0xFFC7753D)
YUV	135.1340, -36.5481, 56.0105
Hunter-Lab	50.2012, 21.5095, 26.0961

# Details

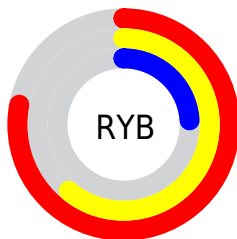
The Hex color **C7753D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3D8FC7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAA6F**, and **8C440B** is the 20% darker color. If you saturate the color by 10%, you get **C76929**, and if you desaturate by 10%, it is **C78151**.

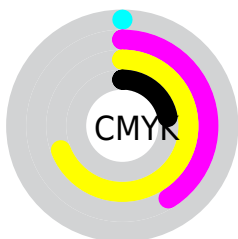
# Distribution



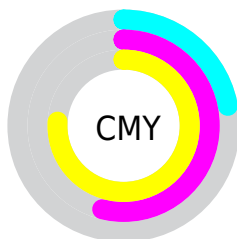
- Red (78%)
- Green (46%)
- Blue (24%)



- Red (78%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7753D 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 C7753D by changing the saturation by 10% instead.



 C7753D

 C7753D

FFFFFF

 A95C25

 FFAA6F

 8C440B

 FFC589

 6F2C00

 FFE1A3

 531500

 FFFFEBF

 380000

 FFFFDB

 1D0001

 FFFFF8

 000000

 C7753D

 C7753D

 C76929

 C78151

 C75D15

 C78D65

 C75201

 C79879

 C75100

 C7A48D

 C7B0A1

 C7BCB4

 C7C8C8

 C7D4DC

 C7DFF0

# Harmonies

## Analogous

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



DA6562



C7753D



A58629

# Triad

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



C7753D



009F85



857FD9

# Complementary

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



C7753D



3D8FC7

# 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.



008FE4



C7753D



009FB2

# Square

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



C7753D



3B9B57



009AD5



BD6CBA

# Rectangle

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



C7753D



888F2D



009AD5



6A85DF

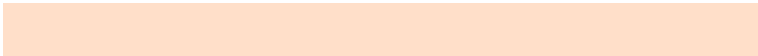


# Sweetspot

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



C7753D



FFDFC9



C73D90



806D60



000000



808080



# Same Dimension

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



C7753D



FF812B



C7B93D



635E5A



A34200



240E00



# Inverse Universe

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



3D8FC7



2BA9FF



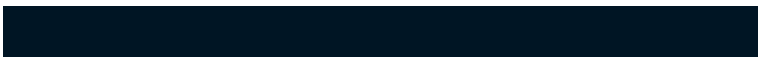
3D4BC7



5A5F63



0061A3



001524



# Previews

## White Background



This preview shows how the Hex color C7753D looks on a white background.

## Color Contrast Check

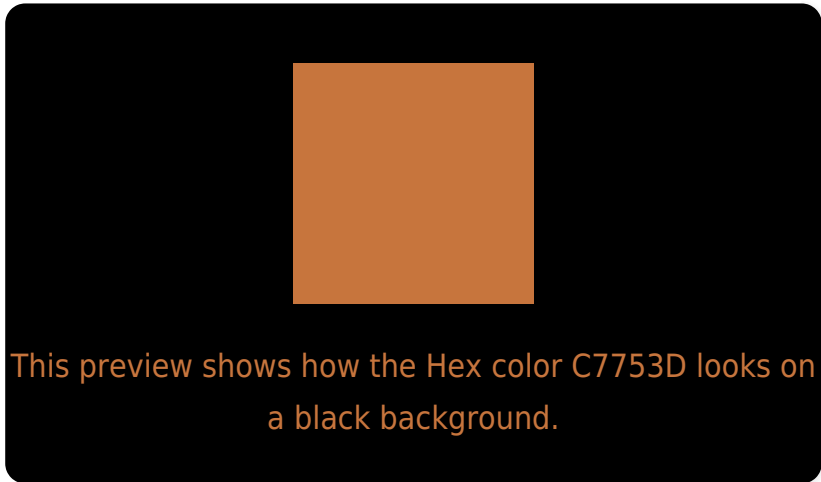
Large Text (above 18pt) WCAG AA ✓ Pass

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

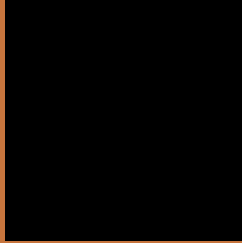
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C7753D Background



This preview shows how black text looks on a background with the Hex color C7753D.



This preview shows how white text looks on a background with the Hex color C7753D.

# 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**  
C7753D

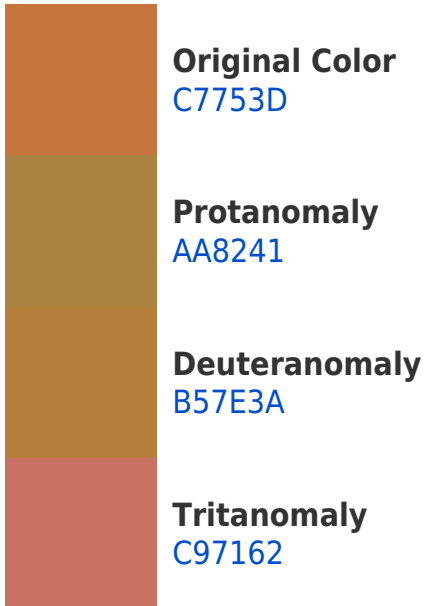
**Protanopia**  
998A44

**Deuteranopia**  
AB8339



**Tritanopia**  
CA6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7753D 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 #C7753D looks like.

```
.text, #text, p{  
    color:#C7753D  
}
```

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 #C7753D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7753D } }
```

## Border

The CSS property to change the border of an element to Hex C7753D 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 #C7753D } }
```

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

```
.border{ border-color:#C7753D }
```

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

Here you see how a box with a 4 pixel #C7753D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7753D; -webkit-box-shadow:4px 4px  
4px 4px #C7753D; box-shadow:4px 4px 4px  
4px #C7753D }
```

# Background

The CSS property to change the background color of an element to Hex C7753D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7753D }
```

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

```
.background{ background-color:#C7753D }
```

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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