

Converting Colors

Hex(C7663F)

Have a look what the booklet for
Hex(C7663F) contains.

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Color

Hex(C7663F)

Conversions

Conversions Part 1

Format	Color
Hex	C7663F
RGB	199, 102, 63
RGB Percent	78%, 40%, 25%
CMY	0.2196, 0.6000, 0.7529
CMYK	0.00, 0.49, 0.68, 0.22
HSL	17°, 55%, 51%
HSV	17°, 68%, 78%
XYZ	29.2018, 22.0037, 7.4107
YIQ	126.5570, 70.3310, 8.4350

Conversions

Conversions Part 2

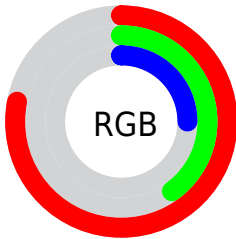
Format	Color
RYB	199, 118, 63
Decimal	13067839
CIELab	54.03, 35.53, 39.09
CIElCh	54, 52.820, 47.730
Yxy	22.0037, 0.4982, 0.3754
Android (android.graphics.Color)	4291257919 (0xFFC7663F)
YUV	126.5570, -31.3336, 63.5325
Hunter-Lab	46.9081, 29.0325, 23.4689

Details

The Hex color **C7663F** 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 **3FA0C7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9B70**, and **8B3411** is the 20% darker color. If you saturate the color by 10%, you get **C7582B**, and if you desaturate by 10%, it is **C77453**.

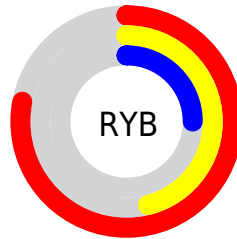
Distribution



Red (78%)

Green (40%)

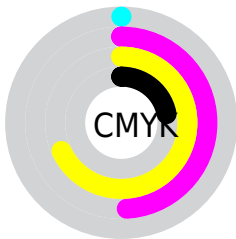
Blue (25%)



Red (78%)

Yellow (46%)

Blue (25%)

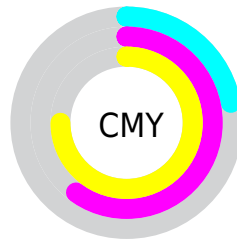


Cyan (0%)

Magenta (49%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7663F 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 C7663F by changing the saturation by 10% instead.

 C7663F

 C7663F

FFFFFF

 A94D28

 FF9B70

 8B3411

 FFB68A

 6F1B00

 FFD2A4

 520000

 FFEFC0

 370000

 FFFFDC

 150000

 FFFFF9

 000000

 C7663F

 C7663F

 C7582B

 C77453

 C74A17

 C78267

 C73B03

 C7917B

 C73900

 C79F8F

 C7ADA3

 C7BBB6

 C7C9CA

 C7D8DE

 C7E6F2

Harmonies

Analogous

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



D45868



C7663F



A97822

Triad

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



C7663F



00966C



5F7DD8

Complementary

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



C7663F



3FA0C7

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.



008CDA



C7663F



00979C

Square

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



C7663F



499140



0094C4



A669BF

Rectangle

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



C7663F



8E831D



0094C4



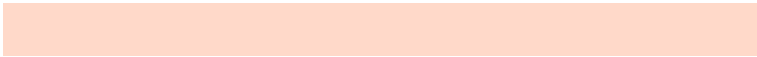
3682DC

Sweetspot

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



C7663F



FFD9C9



C73FA0



806960



000000



808080

Same Dimension

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



C7663F



FF6A2E



C7AA3F



635C5A



A32F00



240A00

Inverse Universe

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



3FA0C7



2EC3FF



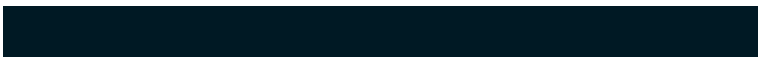
3F5CC7



5A6163



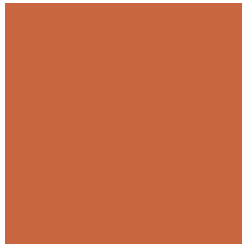
0074A3



001924

Previews

White Background



This preview shows how the Hex color C7663F looks on a white background.

Color Contrast Check

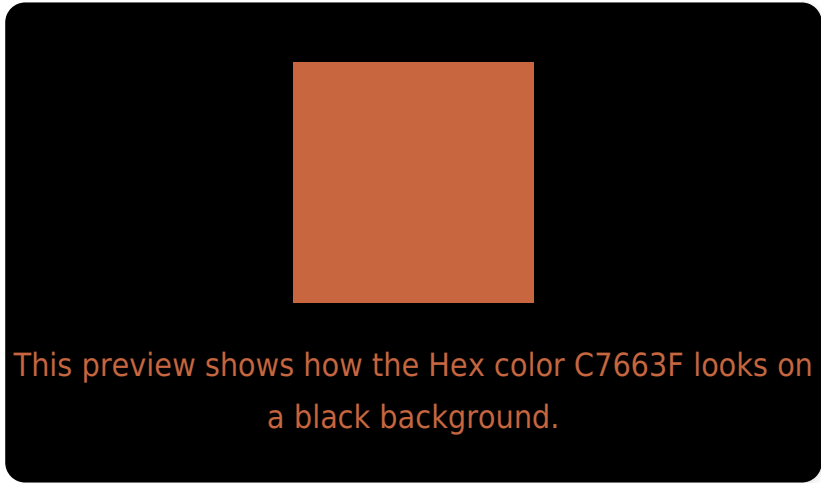
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7663F Background



This preview shows how black text looks on a background with the Hex color C7663F.



This preview shows how white text looks on a background with the Hex color C7663F.

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
C7663F

Protanopia
8F8248

Deuteranopia
A17B3A



Tritanopia
C96168

Trichromacy



Original Color
C7663F

Protanomaly
A37845

Deuteranomaly
AF733C

Tritanomaly
C86359

Monochromacy



Original Color
C7663F

Achromatopsia
7F7F7F

Achromatomaly
997668

CSS Examples

Text

The CSS property to change the color of the text to Hex C7663F 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 #C7663F looks like.

```
.text, #text, p{  
    color:#C7663F  
}
```

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 #C7663F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7663F
}
```

Border

The CSS property to change the border of an element to Hex C7663F is called "border". The border property can be set on classes, ids or directly on the HTML element.

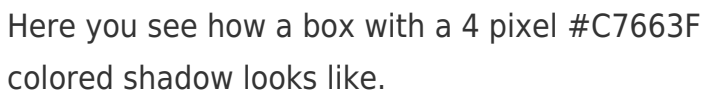
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7663F }
```

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

```
.border{ border-color:#C7663F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C7663F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7663F; -webkit-box-shadow:4px 4px  
4px 4px #C7663F; box-shadow:4px 4px 4px  
4px #C7663F }
```

Background

The CSS property to change the background color of an element to Hex C7663F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7663F }
```

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

```
.background{ background-color:#C7663F }
```

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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