

Converting Colors

Hex(CC7753)

Have a look what the booklet for
Hex(CC7753) contains.

Hex(CC7753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC7753)

Conversions

Conversions Part 1

Format	Color
Hex	CC7753
RGB	204, 119, 83
RGB Percent	80%, 47%, 33%
CMY	0.2000, 0.5333, 0.6745
CMYK	0.00, 0.42, 0.59, 0.20
HSL	18°, 54%, 56%
HSV	18°, 59%, 80%
XYZ	33.0600, 26.6556, 11.5862
YIQ	140.3110, 62.2160, 6.8240

Conversions

Conversions Part 2

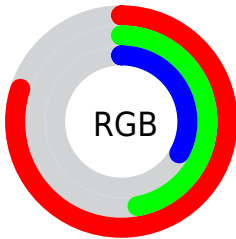
Format	Color
R_{YB}	204, 134, 83
Decimal	13399891
CIE _{Lab}	58.65, 29.85, 33.94
CIE _{LCh}	59, 45.198, 48.669
Yxy	26.6556, 0.4637, 0.3738
Android (android.graphics.Color)	4291589971 (0xFFCC7753)
YUV	140.3110, -28.2543, 55.8553
Hunter-Lab	51.6290, 23.9495, 22.8349

Details

The Hex color **CC7753** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **53A8CC**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAC85**, and **914525** is the 20% darker color. If you saturate the color by 10%, you get **CC693F**, and if you desaturate by 10%, it is **CC8567**.

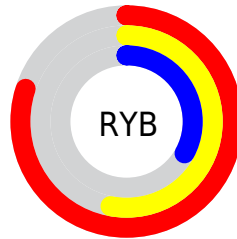
Distribution



Red (80%)

Green (47%)

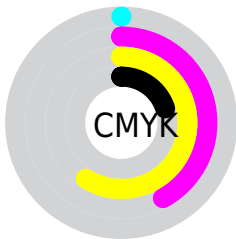
Blue (33%)



Red (80%)

Yellow (53%)

Blue (33%)

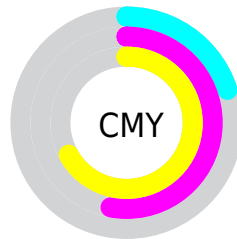


Cyan (0%)

Magenta (42%)

Yellow (59%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7753 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 CC7753 by changing the saturation by 10% instead.

 CC7753

 CC7753

FFFFFF

 AE5E3B

 FFAC85

 914525

 FFC8A0

 752D0E

 FFE4BB

 591500

 FFFFD7

 3D0000

 FFFFF3

 260001

 000000

 CC7753

 CC7753

 CC693F

 CC8567

 CC5A2A

 CC947C

 CC4C16

 CCA290

 CC3E01

 CCB0A5

 CC3D00

 CCBFB9

 CCCDCD

 CCDBE2

 CCEAF6

 CCF8FF

Harmonies

Analogous

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



D86C76



CC7753



B1863E

Triad

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



CC7753



00A07C



7789D8

Complementary

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



CC7753



53A8CC

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.



0096DA



CC7753



00A1A5

Square

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



CC7753



5E9B57



009EC8



AF79C2

Rectangle

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



CC7753



998F3B



009EC8



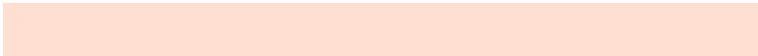
5E8DDB

Sweetspot

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



CC7753



FFDFD1



CC53AA



806C63



000000



808080

Same Dimension

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



CC7753



FF804A



CCB253



665F5C



A63100



260B00

Inverse Universe

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



53A8CC



4AC9FF



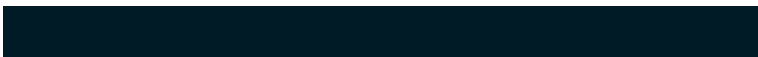
536DCC



5C6366



0074A6



001B26

Previews

White Background



This preview shows how the Hex color CC7753 looks on a white background.

Color Contrast Check

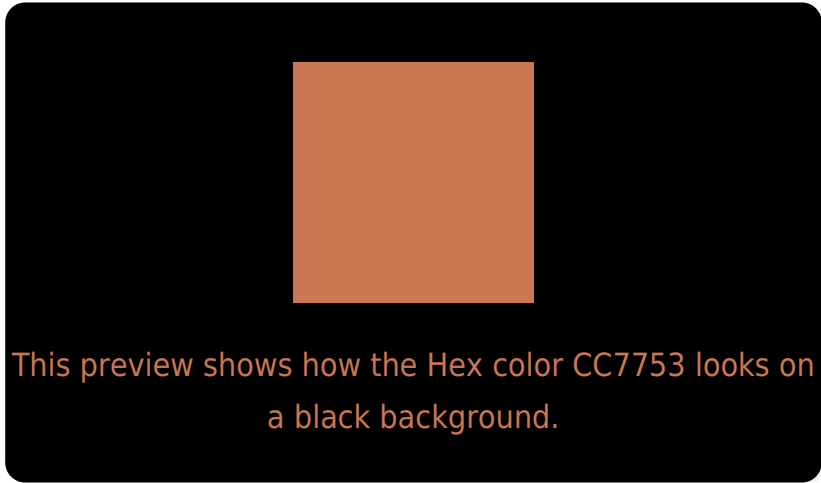
Large Text (above 18pt) WCAG AA ✓ Pass

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

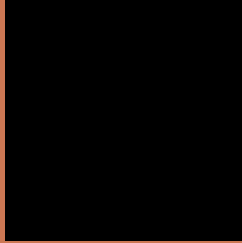
Any Text WCAG AA ✓ Pass

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 CC7753 Background



This preview shows how black text looks on a background with the Hex color CC7753.

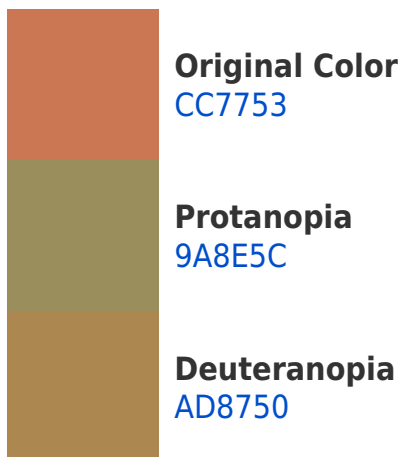


This preview shows how white text looks on a background with the Hex color CC7753.

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





Tritanopia
CF727A

Trichromacy



Original Color
CC7753

Protanomaly
AC8659

Deuteranomaly
B88151

Tritanomaly
CE746C

Monochromacy



Original Color
CC7753

Achromatopsia
8C8C8C

Achromatomaly
A38477

CSS Examples

Text

The CSS property to change the color of the text to Hex CC7753 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 #CC7753 looks like.

```
.text, #text, p{  
    color:#CC7753  
}
```

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 #CC7753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7753
}
```

Border

The CSS property to change the border of an element to Hex CC7753 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
#CC7753 }
```

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

```
.border{ border-color:#CC7753 }
```

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

Here you see how a box with a 4 pixel #CC7753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7753; -webkit-box-shadow:4px 4px  
4px 4px #CC7753; box-shadow:4px 4px 4px  
4px #CC7753 }
```

Background

The CSS property to change the background color of an element to Hex CC7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7753 }
```

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

```
.background{ background-color:#CC7753 }
```

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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