

# Converting Colors

Hex(CD763C)

Have a look what the booklet for  
Hex(CD763C) contains.

<b>Hex(CD763C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CD763C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD763C
RGB	205, 118, 60
RGB Percent	80%, 46%, 24%
CMY	0.1961, 0.5373, 0.7647
CMYK	0.00, 0.42, 0.71, 0.20
HSL	24°, 59%, 52%
HSV	24°, 71%, 80%
XYZ	32.4709, 26.2622, 7.6327
YIQ	137.4010, 70.4700, 0.4060

# Conversions

## Conversions Part 2

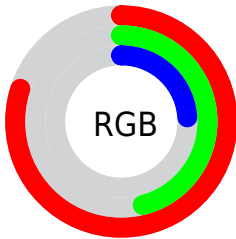
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 157, 60
Decimal	13465148
CIE <sub>Lab</sub>	58.29, 29.34, 45.61
CIE <sub>LCh</sub>	58, 54.234, 57.250
Yxy	26.2622, 0.4893, 0.3957
Android (android.graphics.Color)	4291655228 (0xFFCD763C)
YUV	137.4010, -38.1587, 59.2843
Hunter-Lab	51.2467, 23.4192, 27.0420

# Details

The Hex color **CD763C** 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 **3C93CD**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAB6E**, and **914409** is the 20% darker color. If you saturate the color by 10%, you get **CD6A27**, and if you desaturate by 10%, it is **CD8251**.

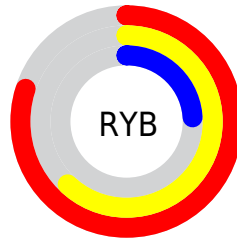
# Distribution



Red (80%)

Green (46%)

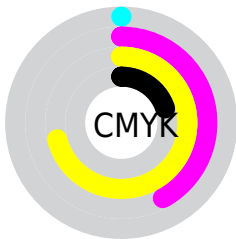
Blue (24%)



Red (80%)

Yellow (62%)

Blue (24%)

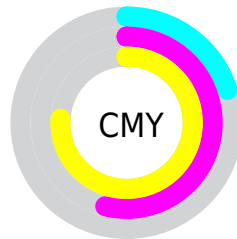


Cyan (0%)

Magenta (42%)

Yellow (71%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD763C 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 CD763C by changing the saturation by 10% instead.



 CD763C

 CD763C

FFFFFF

 AF5D24

 FFAB6E

 914409

 FFC688

 752D00

 FFE3A3

 581500

 FFFFBE

 3C0000

 FFFFFDA

 240001

 FFFFFFF7

 000000

 CD763C

 CD763C

 CD6A27

 CD8251

 CD5D13

 CD8F65

 CD5200

 CD9B7A

 CDA78E

 CDB4A3

 CDC0B7

 CDCCCC

 CDD8E0

 CDE5F5

# Harmonies

## Analogous

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



E16563



CD763C



A98825

# Triad

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



CD763C



00A386



8681E1

# Complementary

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



CD763C



3C93CD

# 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.



0093EB



CD763C



00A3B6

# Square

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



CD763C



399F56



009EDB



C26DC0

# Rectangle

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



CD763C



8B9229



009EDB



6888E7

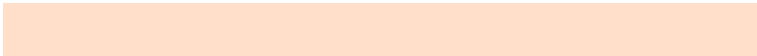


# Sweetspot

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



CD763C



FFDFC9



CD3C93



806C60



000000



808080



# Same Dimension

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



CD763C



FF7D26



CDBF3C



66605C



A64200



260F00



# Inverse Universe

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



3C93CD



26A8FF



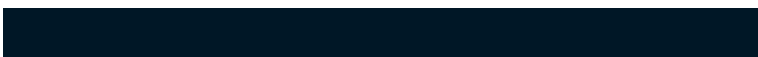
3C4ACD



5C6266



0063A6

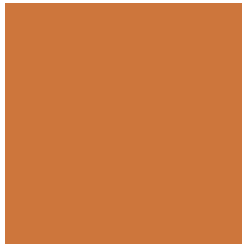


001726



# Previews

## White Background



This preview shows how the Hex color CD763C looks on a white background.

## Color Contrast Check

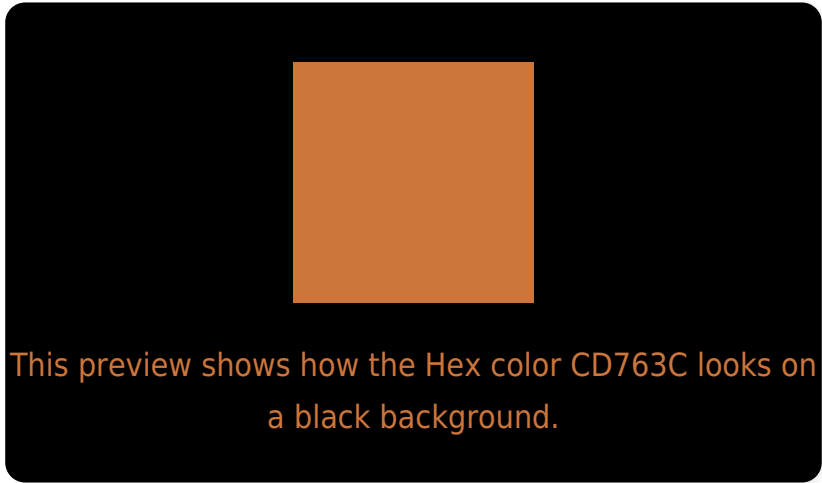
Large Text (above 18pt) WCAG AA ✓ Pass

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

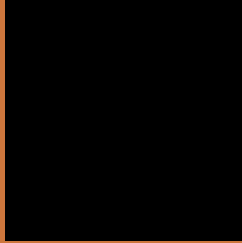
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD763C Background



This preview shows how black text looks on a background with the Hex color CD763C.



This preview shows how white text looks on a background with the Hex color CD763C.

# 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**  
CD763C

**Protanopia**  
9C8D43

**Deuteranopia**  
AF8638



**Tritanopia**  
D06F77

# Trichromacy



**Original Color**  
CD763C

**Protanomaly**  
AE8540

**Deuteranomaly**  
BA8039

**Tritanomaly**  
CF7262

# Monochromacy



**Original Color**  
CD763C

**Achromatopsia**  
898989

**Achromatomaly**  
A2826D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD763C 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 #CD763C looks like.

```
.text, #text, p{  
    color:#CD763C  
}
```

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 #CD763C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD763C
}
```

## Border

The CSS property to change the border of an element to Hex CD763C 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
#CD763C }
```

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

```
.border{ border-color:#CD763C }
```

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

Here you see how a box with a 4 pixel #CD763C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD763C; -webkit-box-shadow:4px 4px  
4px 4px #CD763C; box-shadow:4px 4px 4px  
4px #CD763C }
```

# Background

The CSS property to change the background color of an element to Hex CD763C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD763C }
```

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

```
.background{ background-color:#CD763C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor