

# Converting Colors

Hex(CC7E49)

Have a look what the booklet for  
Hex(CC7E49) contains.

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**Color**

**Hex(CC7E49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7E49
RGB	204, 126, 73
RGB Percent	80%, 49%, 29%
CMY	0.2000, 0.5059, 0.7137
CMYK	0.00, 0.38, 0.64, 0.20
HSL	24°, 56%, 54%
HSV	24°, 64%, 80%
XYZ	33.5653, 28.2401, 9.9851
YIQ	143.2800, 63.5010, 0.0530

# Conversions

## Conversions Part 2

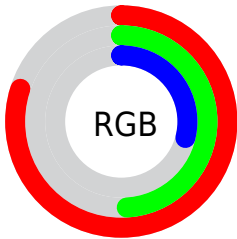
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 162, 73
Decimal	13401673
CIELab	60.11, 25.38, 41.03
CIELCh	60, 48.240, 58.259
Yxy	28.2401, 0.4675, 0.3934
Android (android.graphics.Color)	4291591753 (0xFFCC7E49)
YUV	143.2800, -34.6480, 53.2514
Hunter-Lab	53.1414, 19.7470, 26.0586

# Details

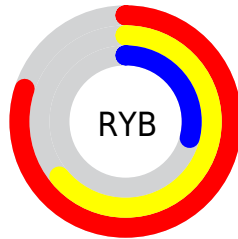
The Hex color **CC7E49** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4997CC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB37B**, and **914C19** is the 20% darker color. If you saturate the color by 10%, you get **CC7235**, and if you desaturate by 10%, it is **CC8A5D**.

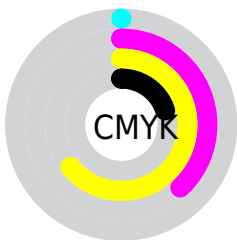
# Distribution



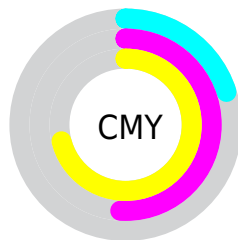
- Red (80%)
- Green (49%)
- Blue (29%)



- Red (80%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7E49 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 CC7E49 by changing the saturation by 10% instead.



 CC7E49

 CC7E49

FFFFFF

 AE6531

 FFB37B

 914C19

 FFCF95

 753500

 FFEBB1

 591E00

 FFFFCC

 3D0700

 FFFFEE

 270001

 000000

 CC7E49

 CC7E49

 CC7235

 CC8A5D

 CC6620

 CC9672

 CC5A0C

 CCA286

 CC5300

 CCAF9B

 CCBBAF

 CCC7C3

 CCD3D8

 CCDFEC

 CCEBFF

# Harmonies

## Analogous

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



DE706B



CC7E49



AB8E38

# Triad

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



CC7E49



00A68D



8F87DC

# Complementary

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



CC7E49



4997CC

# 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.



3296E6



CC7E49



00A6B8

# Square

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



CC7E49



4AA262



00A1D8



C376BE

# Rectangle

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



CC7E49



90973C



00A1D8



778CE2

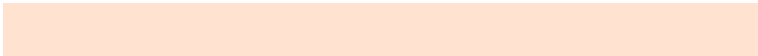


# Sweetspot

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



CC7E49



FFE2CF



CC4998



806E62



000000



808080



# Same Dimension

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



CC7E49



FF8A3B



CCBF49



66605C



A64300



260F00



# Inverse Universe

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



4997CC



3BB0FF



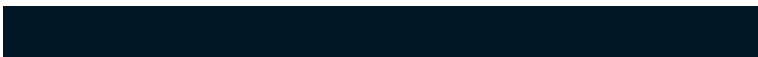
4956CC



5C6266



0063A6

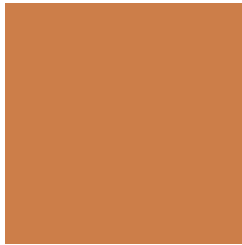


001726



# Previews

## White Background



This preview shows how the Hex color CC7E49 looks on a white background.

## Color Contrast Check

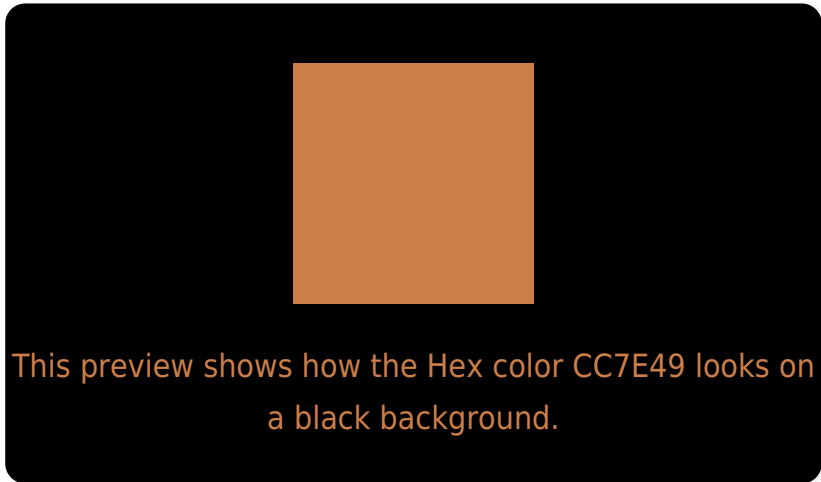
Large Text (above 18pt) WCAG AA ✓ Pass

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

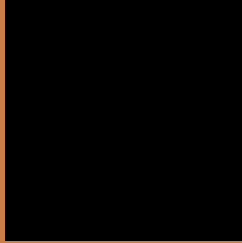
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC7E49 Background



This preview shows how black text looks on a background with the Hex color CC7E49.



This preview shows how white text looks on a background with the Hex color CC7E49.

# 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**  
CC7E49

**Protanopia**  
A09150

**Deuteranopia**  
B38A46



**Tritanopia**  
D07780

# Trichromacy



**Original Color**  
CC7E49

**Protanomaly**  
B08A4D

**Deuteranomaly**  
BC8647

**Tritanomaly**  
CF7A6C

# Monochromacy



**Original Color**  
CC7E49

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
A58976

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7E49 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 #CC7E49 looks like.

```
.text, #text, p{  
    color:#CC7E49  
}
```

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 #CC7E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7E49
}
```

## Border

The CSS property to change the border of an element to Hex CC7E49 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
#CC7E49 }
```

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

```
.border{ border-color:#CC7E49 }
```

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

Here you see how a box with a 4 pixel #CC7E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7E49; -webkit-box-shadow:4px 4px  
4px 4px #CC7E49; box-shadow:4px 4px 4px  
4px #CC7E49 }
```

# Background

The CSS property to change the background color of an element to Hex CC7E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7E49 }
```

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

```
.background{ background-color:#CC7E49 }
```

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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