

# Converting Colors

Hex(CE7631)

Have a look what the booklet for  
Hex(CE7631) contains.

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**Color**

**Hex(CE7631)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE7631
RGB	206, 118, 49
RGB Percent	81%, 46%, 19%
CMY	0.1922, 0.5373, 0.8078
CMYK	0.00, 0.43, 0.76, 0.19
HSL	26°, 62%, 50%
HSV	26°, 76%, 81%
XYZ	32.4864, 26.3004, 6.2700
YIQ	136.4460, 74.5970, -2.8030

# Conversions

## Conversions Part 2

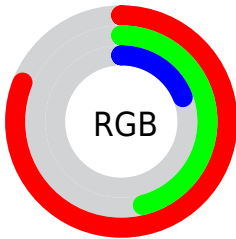
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 172, 49
Decimal	13530673
CIE Lab	58.32, 29.24, 50.91
CIE LCh	58, 58.707, 60.129
Yxy	26.3004, 0.4994, 0.4043
Android (android.graphics.Color)	4291720753 (0xFFCE7631)
YUV	136.4460, -43.1109, 60.9989
Hunter-Lab	51.2839, 23.3260, 28.6499

# Details

The Hex color **CE7631** 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 **3189CE**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAB63**, and **924400** is the 20% darker color. If you saturate the color by 10%, you get **CE6A1C**, and if you desaturate by 10%, it is **CE8246**.

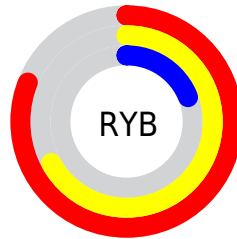
# Distribution



Red (81%)

Green (46%)

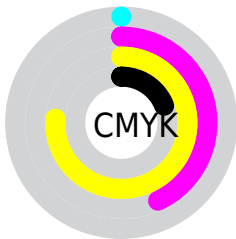
Blue (19%)



Red (81%)

Yellow (67%)

Blue (19%)

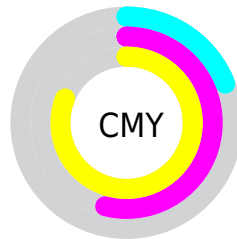


Cyan (0%)

Magenta (43%)

Yellow (76%)

Black (19%)



Cyan (19%)

Magenta (54%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE7631 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 CE7631 by changing the saturation by 10% instead.



 CE7631

 CE7631

FFFFFF

 B05D17

 FFAB63

 924400

 FFC67D

 752D00

 FFE398

 581500

 FFFFB3

 3C0000

 FFFFCE

 240001

 FFFFEC

 000000

 CE7631

 CE7631

 CE6A1C

 CE8246

 CE5F08

 CE8D5A

 CE5B00

 CE996F

 CEA483

 CEB098

 CEBBAD

 CEC7C1

 CED2D6

 CEDEEA

# Harmonies

## Analogous

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



E6625C



CE7631



A68A17

# Triad

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



CE7631



00A48B



8C7EE6

# Complementary

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



CE7631



3189CE

# 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.



0092F3



CE7631



00A4BE

# Square

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



CE7631



1DA156



009EE5



CA68C0

# Rectangle

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



CE7631



85941F



009EE5



6C86ED

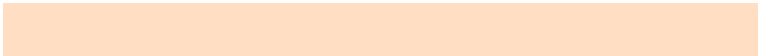


# Sweetspot

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



CE7631



FFDEC4



CE318A



806B5C



000000



808080



# Same Dimension

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



CE7631



FF7D17



CEC431



66605C



A64900



261100



# Inverse Universe

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



3189CE



1799FF



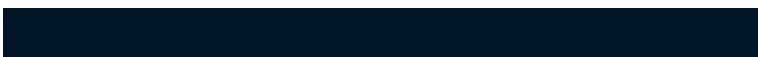
313BCE



5C6266



005DA6



001526



# Previews

## White Background



This preview shows how the Hex color CE7631 looks on a white background.

## Color Contrast Check

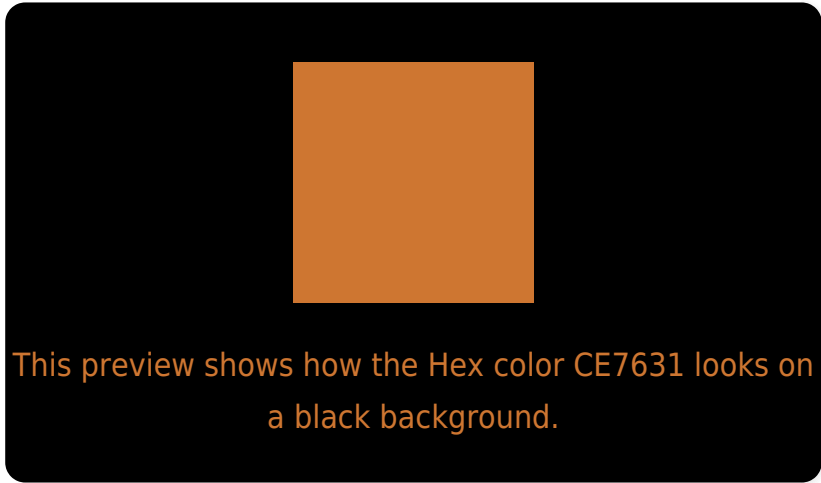
Large Text (above 18pt) WCAG AA ✓ Pass

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

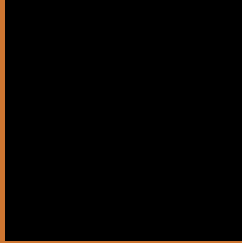
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CE7631 Background



This preview shows how black text looks on a background with the Hex color CE7631.



This preview shows how white text looks on a background with the Hex color CE7631.

# 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**  
CE7631

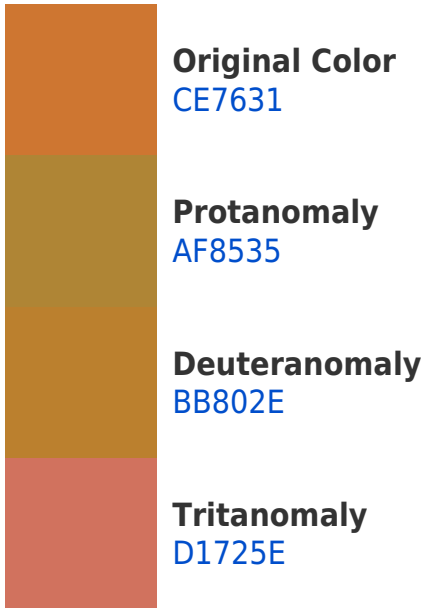
**Protanopia**  
9D8D37

**Deuteranopia**  
B0862C



**Tritanopia**  
D26F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE7631 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 #CE7631 looks like.

```
.text, #text, p{  
    color:#CE7631  
}
```

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 #CE7631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7631
}
```

## Border

The CSS property to change the border of an element to Hex CE7631 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
#CE7631 }
```

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

```
.border{ border-color:#CE7631 }
```

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

Here you see how a box with a 4 pixel #CE7631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7631; -webkit-box-shadow:4px 4px  
4px 4px #CE7631; box-shadow:4px 4px 4px  
4px #CE7631 }
```

# Background

The CSS property to change the background color of an element to Hex CE7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7631 }
```

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

```
.background{ background-color:#CE7631 }
```

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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