

# Converting Colors

Hex(E7713C)

Have a look what the booklet for  
Hex(E7713C) contains.

<b>Hex(E7713C)</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(E7713C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7713C
RGB	231, 113, 60
RGB Percent	91%, 44%, 24%
CMY	0.0941, 0.5569, 0.7647
CMYK	0.00, 0.51, 0.74, 0.09
HSL	19°, 78%, 57%
HSV	19°, 74%, 91%
XYZ	39.6757, 29.1254, 7.8056
YIQ	142.2400, 87.3410, 8.5330

# Conversions

## Conversions Part 2

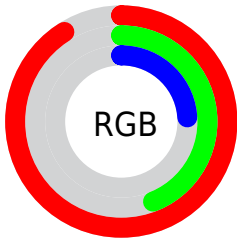
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 137, 60
Decimal	15167804
CIE <sub>Lab</sub>	60.89, 42.25, 49.49
CIE <sub>LCh</sub>	61, 65.070, 49.514
Yxy	29.1254, 0.5179, 0.3802
Android (android.graphics.Color)	4293357884 (0xFFE7713C)
YUV	142.2400, -40.5443, 77.8425
Hunter-Lab	53.9680, 36.7842, 29.2022

# Details

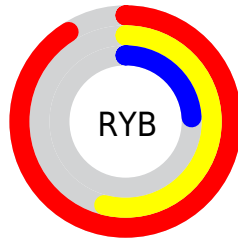
The Hex color **E7713C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3CB2E7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA76E**, and **A93D08** is the 20% darker color. If you saturate the color by 10%, you get **E76125**, and if you desaturate by 10%, it is **E78153**.

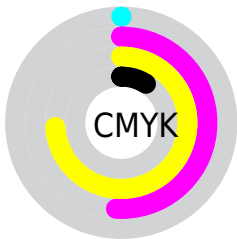
# Distribution



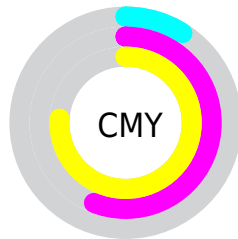
- Red (91%)
- Green (44%)
- Blue (24%)



- Red (91%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (74%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7713C 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 E7713C by changing the saturation by 10% instead.



 E7713C

 E7713C

FFFFFF

 C85724

 FFA76E

 A93D08

 FFC388

 8B2300

 FFDFA3

 6D0100

 FFFCBE

 4F0000

 FFFFDB

 350001

 FFFFF7

 080000

 000000

 E7713C

 E7713C

 E76125

 E78153

 E7510E

 E7916A

 E74800

 E7A181

 E7B198

 E7C1B0

 E7D1C7

 E7E1DE

 E7F1F5

 E7FFFF

# Harmonies

## Analogous

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



FA5C70



E7713C



C0890D

# Triad

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



E7713C



00AD7C



6A8CFF

# Complementary

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



E7713C



3CB2E7

# 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.



009FFF



E7713C



00AEB8

# Square

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



E7713C



42A743



00AAEA



C472DE

# Rectangle

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



E7713C



9E9602



00AAEA



2A94FF



# Sweetspot

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



E7713C



FFD8C7



E73CB4



80695E



000000



808080



# Same Dimension

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



E7713C



FF621C



E7C53C



736B67



B33700



331000



# Inverse Universe

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



3CB2E7



1CB9FF



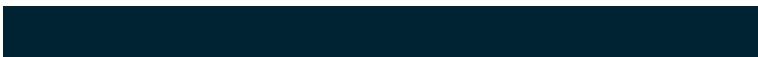
3C5EE7



676F73



007BB3



002333



# Previews

## White Background



This preview shows how the Hex color E7713C looks on a white background.

## Color Contrast Check

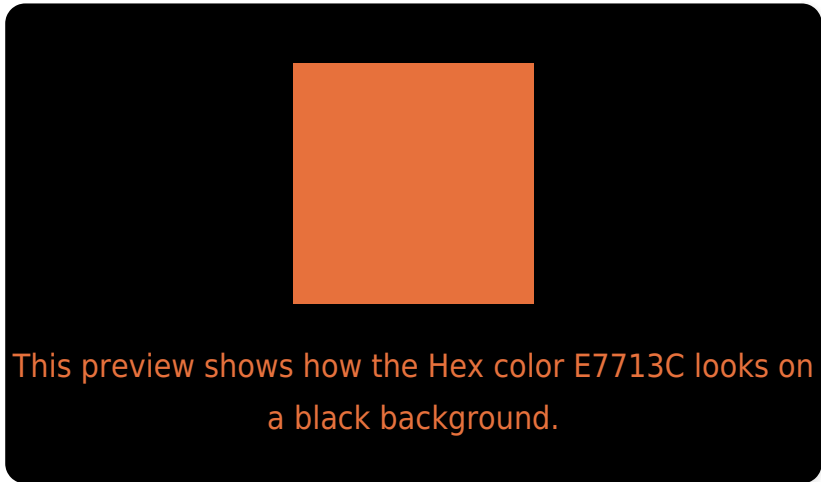
Large Text (above 18pt) WCAG AA ✓ Pass

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 E7713C Background



This preview shows how black text looks on a background with the Hex color E7713C.



This preview shows how white text looks on a background with the Hex color E7713C.

# 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**  
E7713C

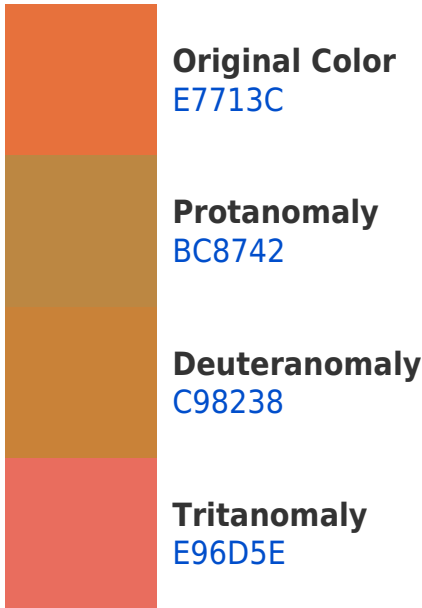
**Protanopia**  
A39446

**Deuteranopia**  
B88C35



**Tritanopia**  
EA6B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7713C 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 #E7713C looks like.

```
.text, #text, p{  
    color:#E7713C  
}
```

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 #E7713C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7713C
}
```

## Border

The CSS property to change the border of an element to Hex E7713C is called "border". The border property can be set on classes, ids or directly on the HTML element.

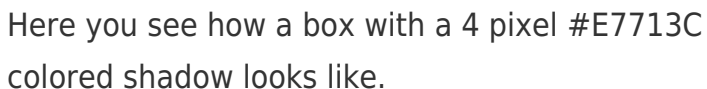
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7713C }
```

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

```
.border{ border-color:#E7713C }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #E7713C colored shadow looks like."

Here you see how a box with a 4 pixel #E7713C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7713C; -webkit-box-shadow:4px 4px  
4px 4px #E7713C; box-shadow:4px 4px 4px  
4px #E7713C }
```

# Background

The CSS property to change the background color of an element to Hex E7713C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7713C }
```

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

```
.background{ background-color:#E7713C }
```

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