

# Converting Colors

Hex(E77C5C)

Have a look what the booklet for  
Hex(E77C5C) contains.

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# **Color**

**Hex(E77C5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E77C5C
RGB	231, 124, 92
RGB Percent	91%, 49%, 36%
CMY	0.0941, 0.5137, 0.6392
CMYK	0.00, 0.46, 0.60, 0.09
HSL	14°, 74%, 63%
HSV	14°, 60%, 91%
XYZ	42.0944, 32.1769, 14.1174
YIQ	152.3450, 74.0440, 12.7320

# Conversions

## Conversions Part 2

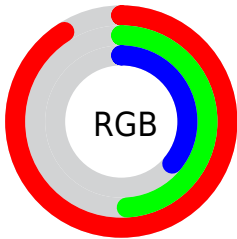
Format	Color
R <sub>Y</sub> B	231, 134, 92
Decimal	15170652
CIE Lab	63.49, 38.50, 35.82
CIE LCh	63, 52.588, 42.938
Yxy	32.1769, 0.4762, 0.3640
Android (android.graphics.Color)	4293360732 (0xFFE77C5C)
YUV	152.3450, -29.7501, 68.9804
Hunter-Lab	56.7247, 33.1935, 24.9515

# Details

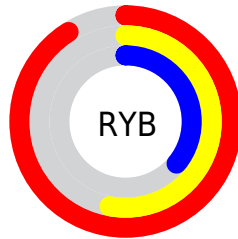
The Hex color **E77C5C** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5CC7E7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB28F**, and **AA482D** is the 20% darker color. If you saturate the color by 10%, you get **E76A45**, and if you desaturate by 10%, it is **E78E73**.

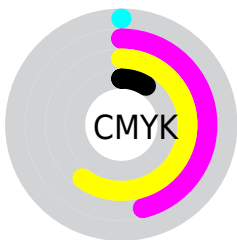
# Distribution



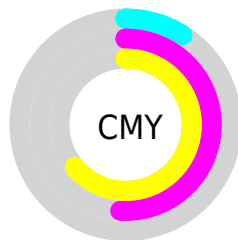
- Red (91%)
- Green (49%)
- Blue (36%)



- Red (91%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E77C5C 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 E77C5C by changing the saturation by 10% instead.



 E77C5C

 E77C5C

FFFFFF

 C96244

 FFB28F

 AA482D

 FFCEAA

 8D2F17

 FFEBC5

 701400

 FFFFE1

 530000

FFFFFFE

 380000

 160000

 000000

 E77C5C

 E77C5C

 E76A45

 E78E73

 E7582E

 E7A08A

 E74717

 E7B1A1

 E73500

 E7C3B8

 E7D5D0

 E7E7E7

 E7F8FE

 E7FFFF

# Harmonies

## Analogous

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



F17187



E77C5C



CA8E3E

# Triad

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



E77C5C



00AF7D



6C98F5

# Complementary

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



E77C5C



5CC7E7

# 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.



00A6F3



E77C5C



00B1AD

# Square

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



E77C5C



6DA952



00AED8



B785DF

# Rectangle

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



E77C5C



B09937



00AED8



449DF7



# Sweetspot

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



E77C5C



FFDCD1



E75CC9



806A63



000000



808080



# Same Dimension

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



E77C5C



FF7247



E7C05C



736A67



B32900



330C00



# Inverse Universe

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



5CC7E7



47D5FF



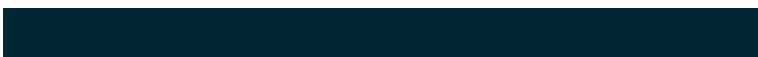
5C83E7



677073



0089B3

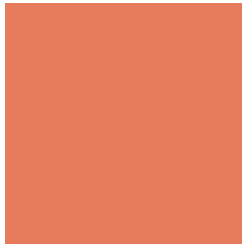


002733



# Previews

## White Background



This preview shows how the Hex color E77C5C looks on a white background.

## Color Contrast Check

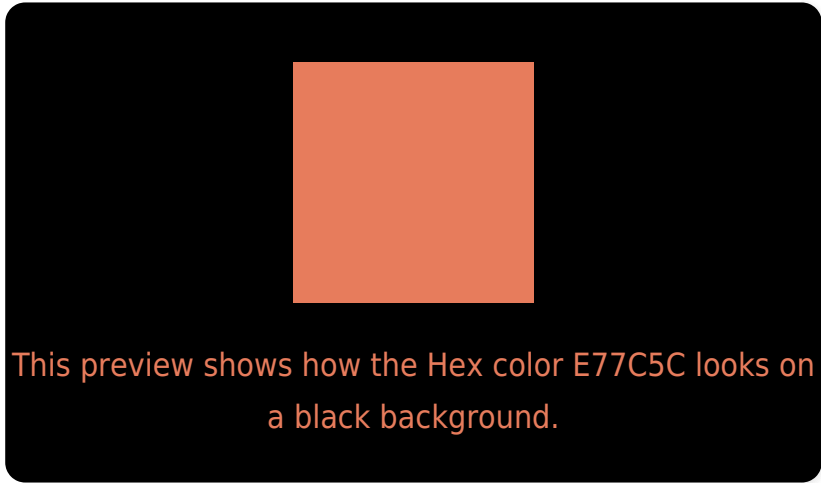
Large Text (above 18pt) WCAG AA × Fail

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

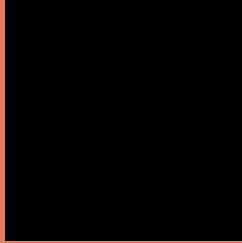
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E77C5C Background



This preview shows how black text looks on a background with the Hex color E77C5C.

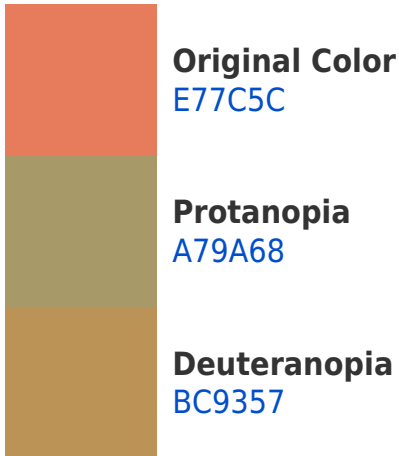


This preview shows how white text looks on a background with the Hex color E77C5C.

# 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](#).

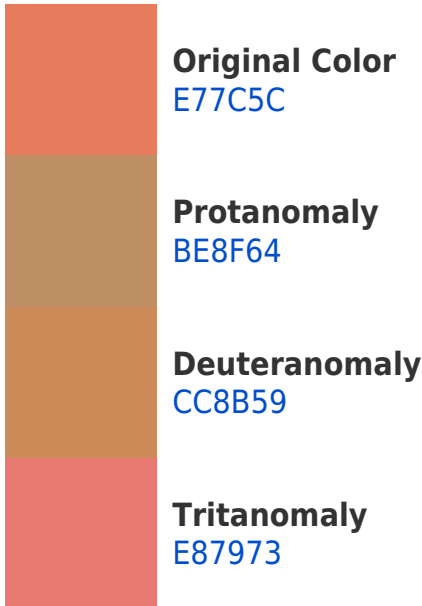
## Dichromacy



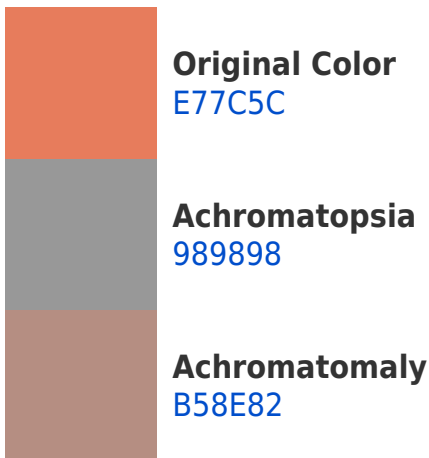


**Tritanopia**  
E97780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E77C5C 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 #E77C5C looks like.

```
.text, #text, p{  
    color:#E77C5C  
}
```

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 #E77C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77C5C
}
```

## Border

The CSS property to change the border of an element to Hex E77C5C 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
#E77C5C }
```

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

```
.border{ border-color:#E77C5C }
```

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

Here you see how a box with a 4 pixel #E77C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77C5C; -webkit-box-shadow:4px 4px  
4px 4px #E77C5C; box-shadow:4px 4px 4px  
4px #E77C5C }
```

# Background

The CSS property to change the background color of an element to Hex E77C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77C5C }
```

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

```
.background{ background-color:#E77C5C }
```

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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