

# Converting Colors

Hex(E77C5E)

Have a look what the booklet for  
Hex(E77C5E) contains.

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# Color

Hex(E77C5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	E77C5E
RGB	231, 124, 94
RGB Percent	91%, 49%, 37%
CMY	0.0941, 0.5137, 0.6314
CMYK	0.00, 0.46, 0.59, 0.09
HSL	13°, 74%, 64%
HSV	13°, 59%, 91%
XYZ	42.1830, 32.2124, 14.5840
YIQ	152.5730, 73.4020, 13.3540

# Conversions

## Conversions Part 2

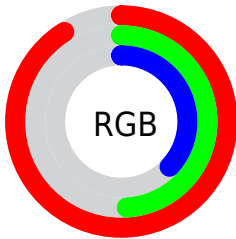
Format	Color
R <sub>Y</sub> B	231, 132, 94
Decimal	15170654
CIE Lab	63.52, 38.64, 34.77
CIE LCh	64, 51.981, 41.982
Yxy	32.2124, 0.4741, 0.3620
Android (android.graphics.Color)	4293360734 (0xFFE77C5E)
YUV	152.5730, -28.8765, 68.7805
Hunter-Lab	56.7560, 33.3446, 24.4940

# Details

The Hex color **E77C5E** 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 **5EC9E7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB291**, and **AB482F** is the 20% darker color. If you saturate the color by 10%, you get **E76A47**, and if you desaturate by 10%, it is **E78E75**.

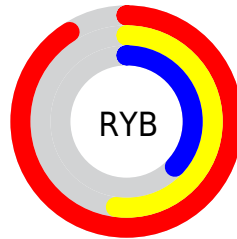
# Distribution



Red (91%)

Green (49%)

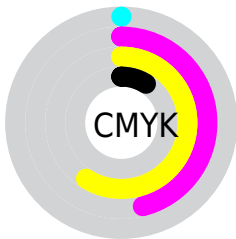
Blue (37%)



Red (91%)

Yellow (52%)

Blue (37%)

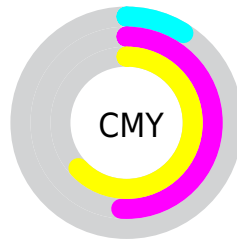


Cyan (0%)

Magenta (46%)

Yellow (59%)

Black (9%)



Cyan (9%)

Magenta (51%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E77C5E 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 E77C5E by changing the saturation by 10% instead.



 E77C5E

 E77C5E

FFFFFF

 C96246

 FF291

 AB482F

 FFCEAC

 8D2F19

 FFEBC7

 701400

 FFFFE3

 530000

 380000

 170000

 000000

 E77C5E

 E77C5E

 E76A47

 E78E75

 E75830

 E7A08C

 E74619

 E7B2A3

 E73402

 E7C4BA

 E73300

 E7D6D2

 E7E8E9

 E7FAFF

 E7FFFF

# Harmonies

## Analogous

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



F07189



E77C5E



CB8D40

# Triad

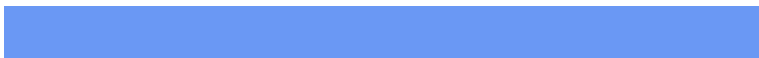
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E77C5E



13AF7C



6A98F4

# Complementary

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



E77C5E



5EC9E7

# 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.



00A7F1



E77C5E



00B1AC

# Square

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



E77C5E



6FA952



00AED7



B586DF

# Rectangle

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



E77C5E



B19838



00AED7



429EF6

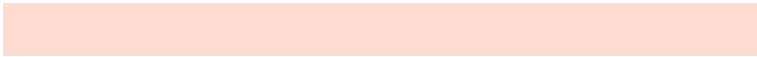


# Sweetspot

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



E77C5E



FFDBD1



E75EC9



806A63



000000



808080



# Same Dimension

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



E77C5E



FF724A



E7C05E



736A67



B32700



330B00



# Inverse Universe

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



5EC9E7



4AD7FF



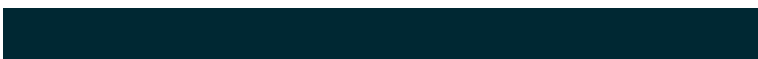
5E85E7



677073



008BB3

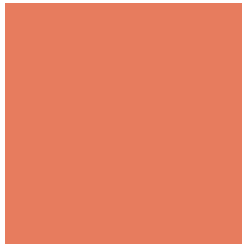


002833



# Previews

## White Background



This preview shows how the Hex color E77C5E 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 E77C5E Background



This preview shows how black text looks on a background with the Hex color E77C5E.

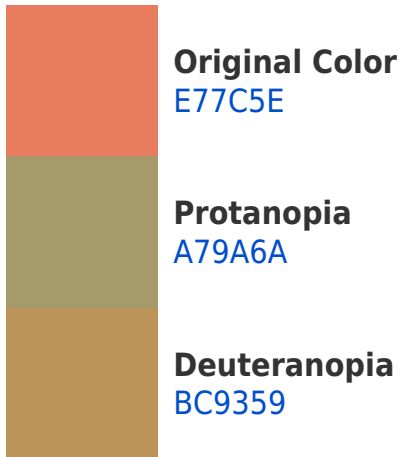


This preview shows how white text looks on a background with the Hex color E77C5E.

# 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



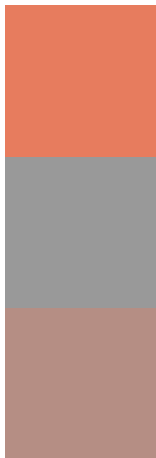
**Original Color**  
E77C5E

**Protanomaly**  
BE8F66

**Deuteranomaly**  
CC8B5B

**Tritanomaly**  
E87974

# Monochromacy



**Original Color**  
E77C5E

**Achromatopsia**  
999999

**Achromatomaly**  
B58E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E77C5E 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 #E77C5E looks like.

```
.text, #text, p{  
    color:#E77C5E  
}
```

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 #E77C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77C5E
}
```

## Border

The CSS property to change the border of an element to Hex E77C5E 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
#E77C5E }
```

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

```
.border{ border-color:#E77C5E }
```

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

Here you see how a box with a 4 pixel #E77C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77C5E; -webkit-box-shadow:4px 4px  
4px 4px #E77C5E; box-shadow:4px 4px 4px  
4px #E77C5E }
```

# Background

The CSS property to change the background color of an element to Hex E77C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77C5E }
```

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

```
.background{ background-color:#E77C5E }
```

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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