

# Converting Colors

Hex(E6755E)

Have a look what the booklet for  
Hex(E6755E) contains.

|  |    |
|--|----|
| <b>Hex(E6755E)</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(E6755E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E6755E                     |
| RGB           | 230, 117, 94               |
| RGB Percent   | 90%, 46%, 37%              |
| CMY           | 0.0980, 0.5412, 0.6314     |
| CMYK          | 0.00, 0.49, 0.59, 0.10     |
| HSL           | 10°, 73%, 64%              |
| HSV           | 10°, 59%, 90%              |
| XYZ           | 41.0148, 30.3537, 14.2868  |
| YIQ           | 148.1650, 74.7310, 16.8030 |

# Conversions

## Conversions Part 2

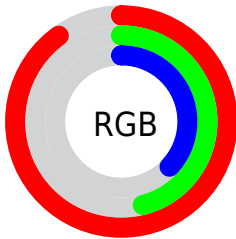
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 230, 122, 94                   |
| Decimal                             | 15103326                       |
| CIE Lab                             | 61.96, 41.81, 32.78            |
| CIE LCh                             | 62, 53.128, 38.098             |
| Yxy                                 | 30.3537, 0.4788,<br>0.3544     |
| Android<br>(android.graphics.Color) | 4293293406<br>(0xFFE6755E)     |
| YUV                                 | 148.1650, -26.7033,<br>71.7693 |
| Hunter-Lab                          | 55.0942, 36.4692,<br>23.1911   |

# Details

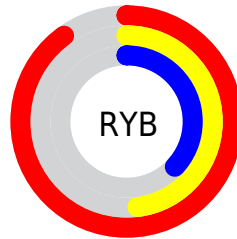
The Hex color **E6755E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5ECFE6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAB91**, and **A9412F** is the 20% darker color. If you saturate the color by 10%, you get **E66247**, and if you desaturate by 10%, it is **E68875**.

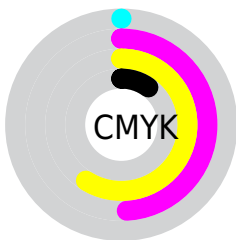
# Distribution



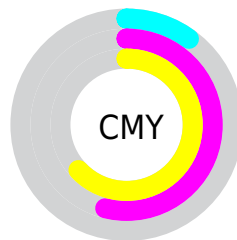
- Red (90%)
- Green (46%)
- Blue (37%)



- Red (90%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (59%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6755E 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 E6755E by changing the saturation by 10% instead.



 E6755E

 E6755E

FFFFFF

 C75B46

 FFAB91

 A9412F

 FFC7AB

 8C2719

 FFE4C7

 6F0701

 FFFFE3

 520000

 370001

 110000

 000000

 E6755E

 E6755E

 E66247

 E68875

 E64F30

 E69B8C

 E63C19

 E6AEA3

 E62902

 E6C1BA

 E62700

 E6D5D1

 E6E8E8

 E6FBFF

 E6FFFF

# Harmonies

## Analogous

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



EC6C8B



E6755E



CC873C

# Triad

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



E6755E



1DAA71



5497F3

# Complementary

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



E6755E



5ECFE6

# 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.



00A4ED



E6755E



00ADA1

# Square

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



E6755E



71A348



00ABCF



A984E0

# Rectangle

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



E6755E



B29232



00ABCF



139CF4

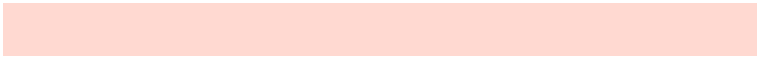


# Sweetspot

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



E6755E



FFD9D1



E65ECF



806863



000000



808080



# Same Dimension

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



E6755E



FF694A



E6B95E



736967



B31E00



330900

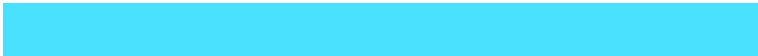


# Inverse Universe

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



5ECFE6



4AE0FF



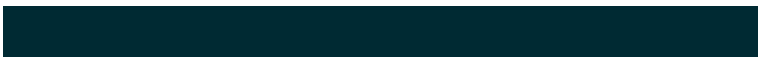
5E8BE6



677173



0094B3

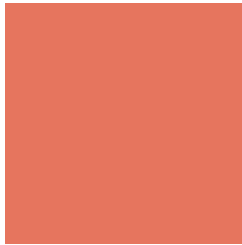


002A33



# Previews

## White Background



This preview shows how the Hex color E6755E 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 E6755E Background



This preview shows how black text looks on a background with the Hex color E6755E.



This preview shows how white text looks on a background with the Hex color E6755E.

# 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**  
E6755E

**Protanopia**  
A2966B

**Deuteranopia**  
B68F59



**Tritanopia**  
E87179

# Trichromacy



**Original Color**  
E6755E

**Protanomaly**  
BB8A66

**Deuteranomaly**  
C7865B

**Tritanomaly**  
E7726F

# Monochromacy



**Original Color**  
E6755E

**Achromatopsia**  
949494

**Achromatomaly**  
B28980

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6755E 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 #E6755E looks like.

```
.text, #text, p{  
    color:#E6755E  
}
```

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 #E6755E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6755E
}
```

## Border

The CSS property to change the border of an element to Hex E6755E 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
#E6755E }
```

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

```
.border{ border-color:#E6755E }
```

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

Here you see how a box with a 4 pixel #E6755E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6755E; -webkit-box-shadow:4px 4px  
4px 4px #E6755E; box-shadow:4px 4px 4px  
4px #E6755E }
```

# Background

The CSS property to change the background color of an element to Hex E6755E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6755E }
```

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

```
.background{ background-color:#E6755E }
```

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