

# Converting Colors

Hex(E7642E)

Have a look what the booklet for  
Hex(E7642E) contains.

|  |    |
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**Color**

**Hex(E7642E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E7642E                     |
| RGB           | 231, 100, 46               |
| RGB Percent   | 91%, 39%, 18%              |
| CMY           | 0.0941, 0.6078, 0.8196     |
| CMYK          | 0.00, 0.57, 0.80, 0.09     |
| HSL           | 18°, 79%, 54%              |
| HSV           | 18°, 80%, 91%              |
| XYZ           | 38.0053, 26.3005, 5.6582   |
| YIQ           | 133.0130, 95.4100, 10.9780 |

# Conversions

## Conversions Part 2

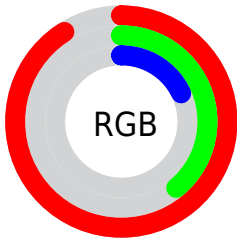
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 231, 122, 46                   |
| Decimal                             | 15164462                       |
| CIE Lab                             | 58.32, 48.01, 53.51            |
| CIE LCh                             | 58, 71.888, 48.099             |
| Yxy                                 | 26.3005, 0.5432,<br>0.3759     |
| Android<br>(android.graphics.Color) | 4293354542<br>(0xFFE7642E)     |
| YUV                                 | 133.0130, -42.8974,<br>85.9346 |
| Hunter-Lab                          | 51.2840, 42.5348,<br>29.3574   |

# Details

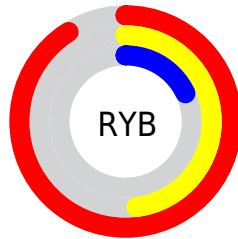
The Hex color **E7642E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **2EB1E7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9A60**, and **A82E00** is the 20% darker color. If you saturate the color by 10%, you get **E75417**, and if you desaturate by 10%, it is **E77445**.

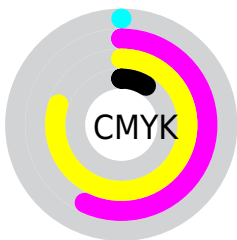
# Distribution



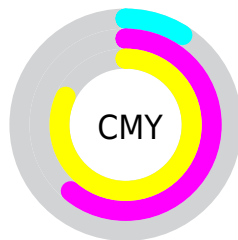
- Red (91%)
- Green (39%)
- Blue (18%)



- Red (91%)
- Yellow (48%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (80%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7642E 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 E7642E by changing the saturation by 10% instead.



 E7642E

 E7642E

FFFFFF

 C74914

 FF9A60

 A82E00

 FFB67A

 890D00

 FFD294

 6A0000

 FFEFB0

 4D0000

 FFFF00

 330002

 FFFF00

 000000

 E7642E

 E7642E

 E75417

 E77445

 E74300

 E7855C

 E79573

 E7A58A

 E7B6A2

 E7C6B9

 E7D7D0

 E7E7E7

 E7F7FE

# Harmonies

## Analogous

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



FB4969



E7642E



BD8000

# Triad

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



E7642E



00A770



4C86FF

# Complementary

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



E7642E



2EB1E7

# 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.



009BFF



E7642E



00A9B2

# Square

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



E7642E



2FA12F



00A5E9



BE68E1

# Rectangle

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



E7642E



998F00



00A5E9



008EFF



# Sweetspot

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



E7642E



FFD4C2



E72EB3



80655B



000000



808080



# Same Dimension

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



E7642E



FF520A



E7BF2E



736B67



B33400



330F00



# Inverse Universe

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



2EB1E7



0AB8FF



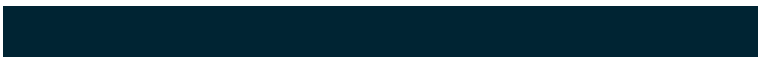
2E56E7



676F73



007EB3



002433



# Previews

## White Background



This preview shows how the Hex color E7642E 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 E7642E Background



This preview shows how black text looks on a background with the Hex color E7642E.



This preview shows how white text looks on a background with the Hex color E7642E.

# 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**  
E7642E

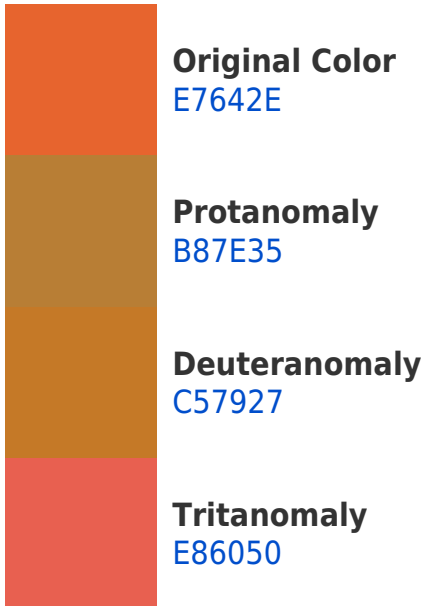
**Protanopia**  
9D8D39

**Deuteranopia**  
B18523

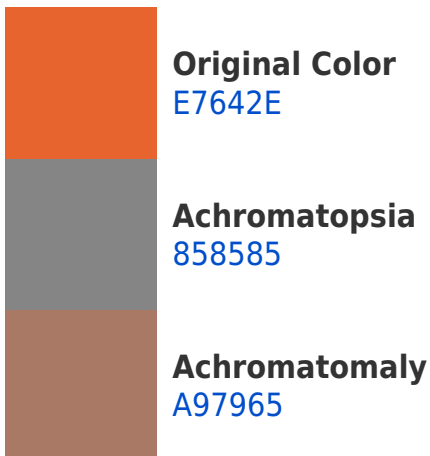


**Tritanopia**  
E95E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7642E 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 #E7642E looks like.

```
.text, #text, p{  
    color:#E7642E  
}
```

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 #E7642E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7642E
}
```

## Border

The CSS property to change the border of an element to Hex E7642E 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
#E7642E }
```

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

```
.border{ border-color:#E7642E }
```

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

Here you see how a box with a 4 pixel #E7642E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7642E; -webkit-box-shadow:4px 4px  
4px 4px #E7642E; box-shadow:4px 4px 4px  
4px #E7642E }
```

# Background

The CSS property to change the background color of an element to Hex E7642E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7642E }
```

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

```
.background{ background-color:#E7642E }
```

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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