

# Converting Colors

Hex(E4763F)

Have a look what the booklet for  
Hex(E4763F) contains.

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# Color

Hex(E4763F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4763F
RGB	228, 118, 63
RGB Percent	89%, 46%, 25%
CMY	0.1059, 0.5373, 0.7529
CMYK	0.00, 0.48, 0.72, 0.11
HSL	20°, 75%, 57%
HSV	20°, 72%, 89%
XYZ	39.3705, 29.8097, 8.3814
YIQ	144.6200, 83.2150, 6.2150

# Conversions

## Conversions Part 2

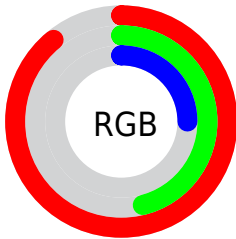
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 146, 63
Decimal	14972479
CIE <sub>Lab</sub>	61.49, 38.71, 48.53
CIE <sub>LCh</sub>	61, 62.075, 51.419
Yxy	29.8097, 0.5076, 0.3843
Android (android.graphics.Color)	4293162559 (0xFFE4763F)
YUV	144.6200, -40.2387, 73.1243
Hunter-Lab	54.5983, 33.1684, 29.1171

# Details

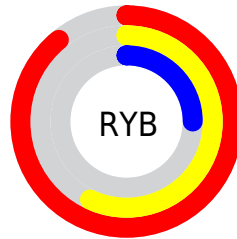
The Hex color **E4763F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3FADE4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFAC71**, and **A6430C** is the 20% darker color. If you saturate the color by 10%, you get **E46728**, and if you desaturate by 10%, it is **E48556**.

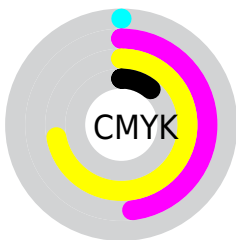
# Distribution



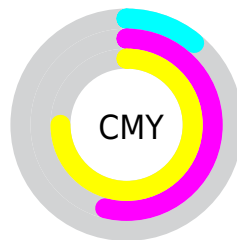
- Red (89%)
- Green (46%)
- Blue (25%)



- Red (89%)
- Yellow (57%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (72%)
- Black (11%)



- Cyan (11%)
- Magenta (54%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4763F 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 E4763F by changing the saturation by 10% instead.



 E4763F

 E4763F

FFFFFF

 C55C27

 FFAC71

 A6430C

 FFC88B

 882900

 FFE4A6

 6B0D00

 FFFFC2

 4E0000

 FFFFDE

 340001

 FFFFFB

 050000

 000000

 E4763F

 E4763F

 E46728

 E48556

 E45811

 E4946D

 E44C00

 E4A483

 E4B39A

 E4C2B1

 E4D1C8

 E4E0DF

 E4F0F5

 E4FFFF

# Harmonies

## Analogous

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



F76370



E4763F



BE8C1A

# Triad

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



E4763F



00AE82



778DFB

# Complementary

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



E4763F



3FADE4

# 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



E4763F



00AEBB

# Square

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



E4763F



44A84C



00AAEA



C774DA

# Rectangle

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



E4763F



9D9817



00AAEA



4994FF



# Sweetspot

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



E4763F



FFDAC7



E43FAD



80695E



000000



808080



# Same Dimension

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



E4763F



FF6B21



E4C93F



736B67



B33B00



331100



# Inverse Universe

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



3FADE4



21B5FF



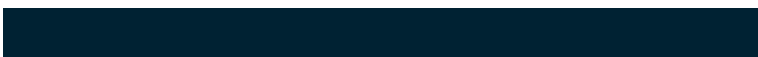
3F5BE4



676F73



0077B3



002233



# Previews

## White Background



This preview shows how the Hex color E4763F looks on a white background.

## Color Contrast Check

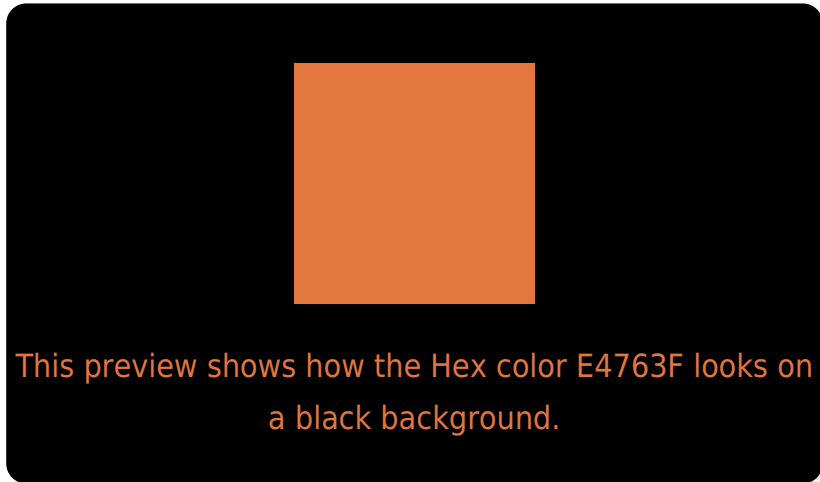
Large Text (above 18pt) WCAG AA ✓ Pass

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

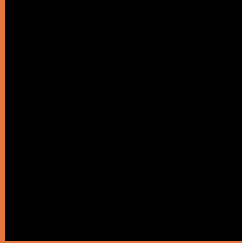
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E4763F Background



This preview shows how black text looks on a background with the Hex color E4763F.



This preview shows how white text looks on a background with the Hex color E4763F.

# 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**  
E4763F

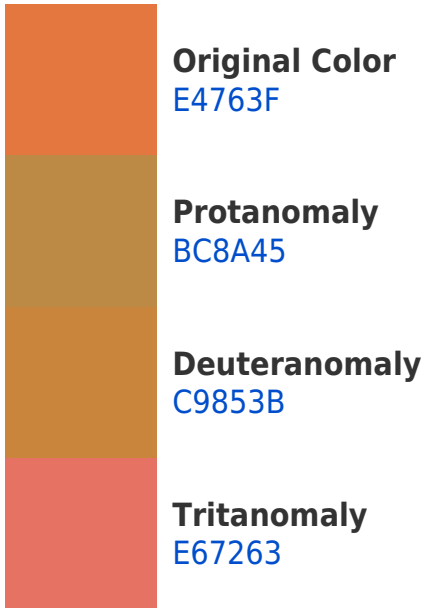
**Protanopia**  
A59549

**Deuteranopia**  
BA8E39



**Tritanopia**  
E77077

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4763F 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 #E4763F looks like.

```
.text, #text, p{  
    color:#E4763F  
}
```

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 #E4763F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4763F
}
```

## Border

The CSS property to change the border of an element to Hex E4763F 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
#E4763F }
```

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

```
.border{ border-color:#E4763F }
```

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

Here you see how a box with a 4 pixel #E4763F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4763F; -webkit-box-shadow:4px 4px  
4px 4px #E4763F; box-shadow:4px 4px 4px  
4px #E4763F }
```

# Background

The CSS property to change the background color of an element to Hex E4763F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4763F }
```

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

```
.background{ background-color:#E4763F }
```

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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