

# Converting Colors

Hex(E46F4F)

Have a look what the booklet for  
Hex(E46F4F) contains.

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# Color

**Hex(E46F4F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E46F4F
RGB	228, 111, 79
RGB Percent	89%, 44%, 31%
CMY	0.1059, 0.5647, 0.6902
CMYK	0.00, 0.51, 0.65, 0.11
HSL	13°, 73%, 60%
HSV	13°, 65%, 89%
XYZ	39.0906, 28.4274, 10.8239
YIQ	142.3350, 80.0040, 14.8520

# Conversions

## Conversions Part 2

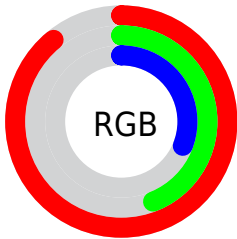
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 120, 79
Decimal	14970703
CIE <sub>Lab</sub>	60.27, 43.07, 38.86
CIE <sub>LCh</sub>	60, 58.008, 42.056
Yxy	28.4274, 0.4990, 0.3629
Android (android.graphics.Color)	4293160783 (0xFFE46F4F)
YUV	142.3350, -31.2242, 75.1282
Hunter-Lab	53.3173, 37.5654, 25.2858

# Details

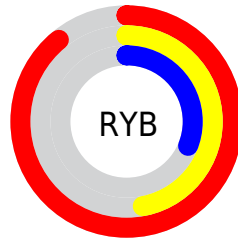
The Hex color **E46F4F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4FC4E4**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA581**, and **A73B21** is the 20% darker color. If you saturate the color by 10%, you get **E45D38**, and if you desaturate by 10%, it is **E48166**.

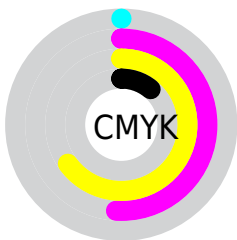
# Distribution



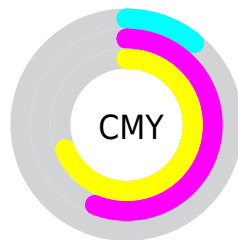
- Red (89%)
- Green (44%)
- Blue (31%)



- Red (89%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E46F4F 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 E46F4F by changing the saturation by 10% instead.



 E46F4F

 E46F4F

FFFFFF

 C55537

 FFA581

 A73B21

 FFC19B

 89200A

 FFDD66

 6B0000

 FFFAD2

 4E0000

 FFFFEE

 350002

 030000

 000000

 E46F4F

 E46F4F

 E45D38

 E48166

 E44B21

 E4937D

 E4390B

 E4A593

 E43100

 E4B7AA

 E4C9C1

 E4DAD8

 E4ECEF

 E4FEFF

 E4FFFF

# Harmonies

## Analogous

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



EF617F



E46F4F



C5842A

# Triad

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



E46F4F



00A870



5390F6

# Complementary

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



E46F4F



4FC4E4

# 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.



009FF2



E46F4F



00AAA5

# Square

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



E46F4F



60A140



00A8D5



AF7BDE

# Rectangle

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



E46F4F



A9901F



00A8D5



0096F8



# Sweetspot

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



E46F4F



FFD7CC



E44FC6



806761



000000



808080



# Same Dimension

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



E46F4F



FF6338



E4B74F



736A67



B32600



330B00



# Inverse Universe

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



4FC4E4



38D4FF



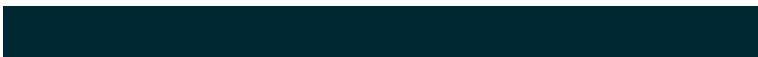
4F7CE4



677073



008CB3

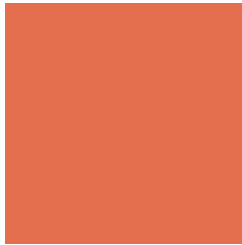


002833



# Previews

## White Background



This preview shows how the Hex color E46F4F looks on a white background.

## Color Contrast Check

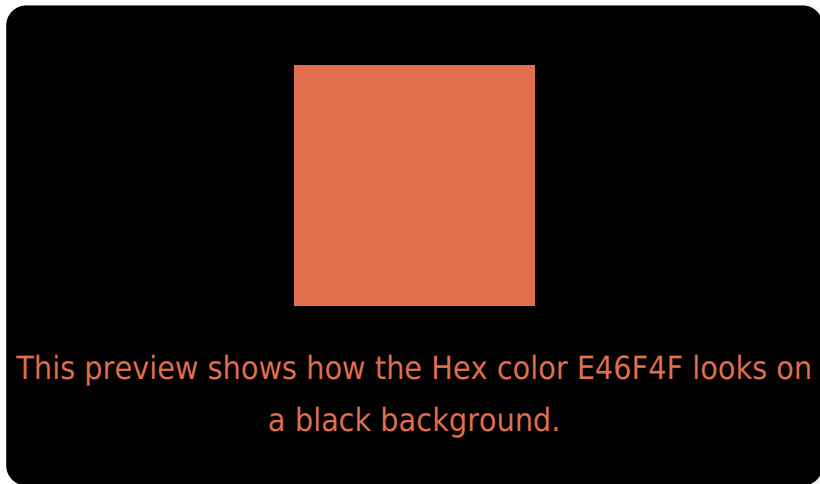
Large Text (above 18pt) WCAG AA ✓ Pass

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 E46F4F Background



This preview shows how black text looks on a background with the Hex color E46F4F.



This preview shows how white text looks on a background with the Hex color E46F4F.

# 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](#).

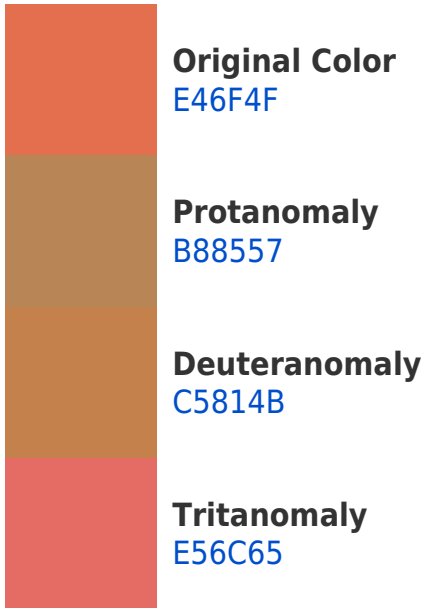
## Dichromacy



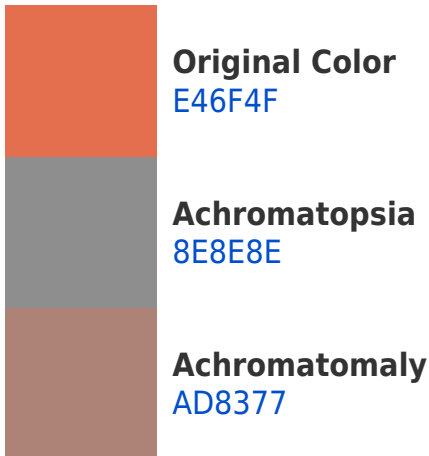


**Tritanopia**  
E66A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E46F4F 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 #E46F4F looks like.

```
.text, #text, p{  
    color:#E46F4F  
}
```

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 #E46F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E46F4F
}
```

## Border

The CSS property to change the border of an element to Hex E46F4F 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
#E46F4F }
```

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

```
.border{ border-color:#E46F4F }
```

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

Here you see how a box with a 4 pixel #E46F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E46F4F; -webkit-box-shadow:4px 4px  
4px 4px #E46F4F; box-shadow:4px 4px 4px  
4px #E46F4F }
```

# Background

The CSS property to change the background color of an element to Hex E46F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E46F4F }
```

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

```
.background{ background-color:#E46F4F }
```

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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