

# Converting Colors

Hex(EE6F55)

Have a look what the booklet for  
Hex(EE6F55) contains.

|  |    |
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**Color**

**Hex(EE6F55)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EE6F55                     |
| RGB         | 238, 111, 85               |
| RGB Percent | 93%, 44%, 33%              |
| CMY         | 0.0667, 0.5647, 0.6667     |
| CMYK        | 0.00, 0.53, 0.64, 0.07     |
| HSL         | 10°, 82%, 63%              |
| HSV         | 10°, 64%, 93%              |
| XYZ         | 42.5840, 30.2019, 12.1795  |
| YIQ         | 146.0090, 84.0380, 18.8380 |

# Conversions

## Conversions Part 2

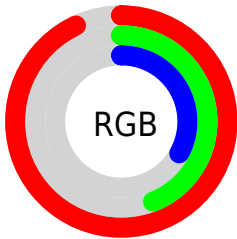
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 238, 116, 85                   |
| Decimal                             | 15626069                       |
| CIE Lab                             | 61.83, 47.13, 37.82            |
| CIE LCh                             | 62, 60.429, 38.747             |
| Yxy                                 | 30.2019, 0.5012,<br>0.3555     |
| Android<br>(android.graphics.Color) | 4293816149<br>(0xFFEE6F55)     |
| YUV                                 | 146.0090, -30.0774,<br>80.6761 |
| Hunter-Lab                          | 54.9563, 42.1411,<br>25.3295   |

# Details

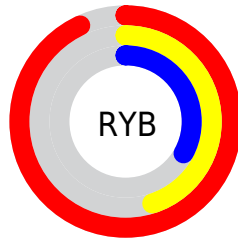
The Hex color **EE6F55** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **55D4EE**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA587**, and **B03A27** is the 20% darker color. If you saturate the color by 10%, you get **EE5B3D**, and if you desaturate by 10%, it is **EE836D**.

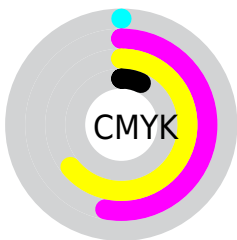
# Distribution



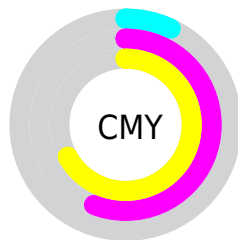
- Red (93%)
- Green (44%)
- Blue (33%)



- Red (93%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE6F55 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 EE6F55 by changing the saturation by 10% instead.



 EE6F55

 EE6F55

FFFFFF

 CF543D

 FFA587

 B03A27

 FFC2A2

 921D10

 FFDEBD

 740000

 FFFBD9

 560000

 FFFFF5

 3B0001

 180001

 000000

 EE6F55

 EE6F55

 EE5B3D

 EE836D

 EE4725

 EE9785

 EE340E

 EEAA9C

 EE2800

 EEBEB4

 EED2CC

 EEE6E4

 EEF9FC

 EFFFFFF

# Harmonies

## Analogous

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



F66288



EE6F55



D0852C

# Triad

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



EE6F55



00AC6C



3F96FF

# Complementary

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



EE6F55



55D4EE

# 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.



00A5F9



EE6F55



00AFA4

# Square

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



EE6F55



69A53C



00ADD7



AC80E9

# Rectangle

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



EE6F55



B3921D



00ADD7



009CFF



# Sweetspot

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



EE6F55



FFD7CF



EE55D4



806762



000000



808080



# Same Dimension

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



EE6F55



FF5C3B



EEBB55



786E6C



B81F00



380A00



# Inverse Universe

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



55D4EE



3BDEFF



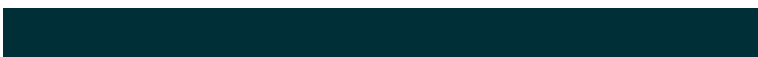
5588EE



6C7678



0098B8



002F38



# Previews

## White Background



This preview shows how the Hex color EE6F55 looks on a white background.

## Color Contrast Check

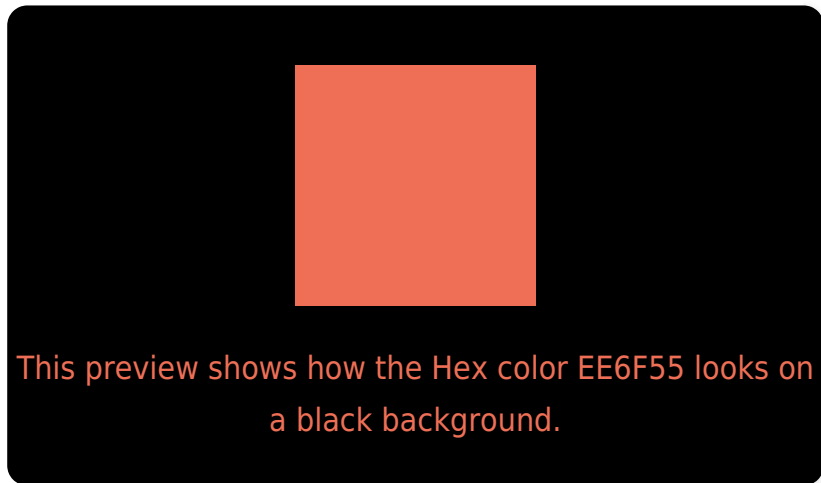
Large Text (above 18pt) WCAG AA × Fail

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 EE6F55 Background



This preview shows how black text looks on a background with the Hex color EE6F55.

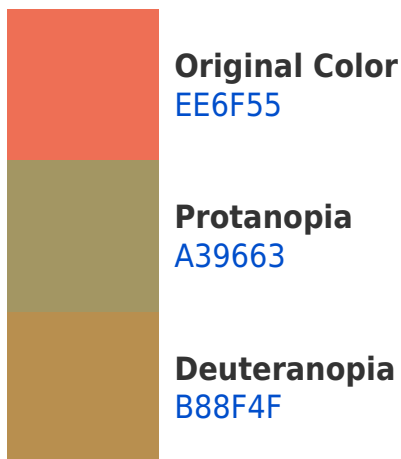


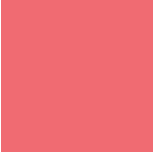
This preview shows how white text looks on a background with the Hex color EE6F55.

# 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](#).

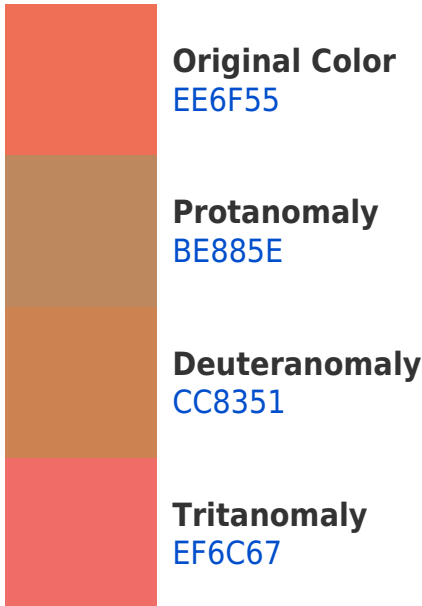
## Dichromacy





**Tritanopia**  
F06B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE6F55 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 #EE6F55 looks like.

```
.text, #text, p{  
    color:#EE6F55  
}
```

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 #EE6F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE6F55
}
```

## Border

The CSS property to change the border of an element to Hex EE6F55 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
#EE6F55 }
```

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

```
.border{ border-color:#EE6F55 }
```

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

Here you see how a box with a 4 pixel #EE6F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE6F55; -webkit-box-shadow:4px 4px  
4px 4px #EE6F55; box-shadow:4px 4px 4px  
4px #EE6F55 }
```

# Background

The CSS property to change the background color of an element to Hex EE6F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE6F55 }
```

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

```
.background{ background-color:#EE6F55 }
```

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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