

# Converting Colors

Hex(EE6F31)

Have a look what the booklet for  
Hex(EE6F31) contains.

|  |    |
|--|----|
| <b>Hex(EE6F31)</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(EE6F31)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | EE6F31                    |
| RGB         | 238, 111, 49              |
| RGB Percent | 93%, 44%, 19%             |
| CMY         | 0.0667, 0.5647, 0.8078    |
| CMYK        | 0.00, 0.53, 0.79, 0.07    |
| HSL         | 20°, 85%, 56%             |
| HSV         | 20°, 79%, 93%             |
| XYZ         | 41.4987, 29.7678, 6.4643  |
| YIQ         | 141.9050, 95.5940, 7.6420 |

# Conversions

## Conversions Part 2

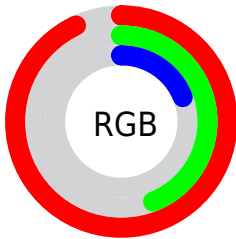
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 238, 141, 49                   |
| Decimal                             | 15626033                       |
| CIE Lab                             | 61.45, 45.47, 55.52            |
| CIE LCh                             | 61, 71.760, 50.685             |
| Yxy                                 | 29.7678, 0.5339,<br>0.3830     |
| Android<br>(android.graphics.Color) | 4293816113<br>(0xFFEE6F31)     |
| YUV                                 | 141.9050, -45.8022,<br>84.2753 |
| Hunter-Lab                          | 54.5599, 40.2890,<br>31.1672   |

# Details

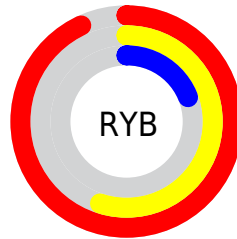
The Hex color **EE6F31** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **31B0EE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA564**, and **AF3A00** is the 20% darker color. If you saturate the color by 10%, you get **EE5F19**, and if you desaturate by 10%, it is **EE7F49**.

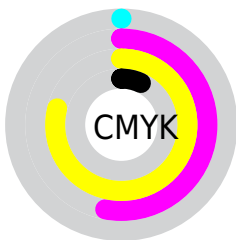
# Distribution



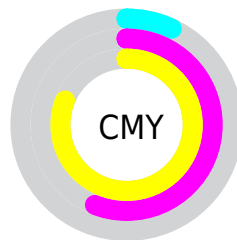
- Red (93%)
- Green (44%)
- Blue (19%)



- Red (93%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE6F31 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 EE6F31 by changing the saturation by 10% instead.



 EE6F31

 EE6F31

FFFFFF

 CE5516

 FFA564

 AF3A00

 FFC17E

 901E00

 FFDE98

 710000

 FFFBB4

 540000

 FFFF00

 390001

 FFFFED

 140000

 000000

 EE6F31

 EE6F31

 EE5F19

 EE7F49

 EE4F01

 EE8F61

 EE4E00

 EE9F78

 EEAF90

 EEBFA8

 EECFC0

 EEDFD8

 EEEFEF

 EFFFFFF

# Harmonies

## Analogous

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



FF556C



EE6F31



C28A00

# Triad

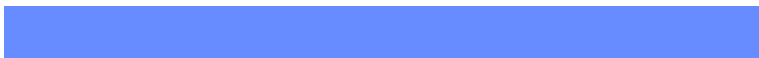
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EE6F31



00B07E



678CFF

# Complementary

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



EE6F31



31B0EE

# 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.



00A2FF



EE6F31



00B1C0

# Square

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



EE6F31



2EAA3D



00ADF6



CD6EE6

# Rectangle

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



EE6F31



9D9900



00ADF6



0094FF



# Sweetspot

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



EE6F31



FFD6C2



EE31B2



80675B



000000



808080



# Same Dimension

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



EE6F31



FF5C0D



EECB31



78706C



B83C00



381200

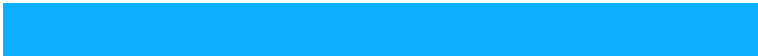


# Inverse Universe

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



31B0EE



0DB0FF



3154EE



6C7478



007BB8



002638



# Previews

## White Background



This preview shows how the Hex color EE6F31 looks on a white background.

## Color Contrast Check

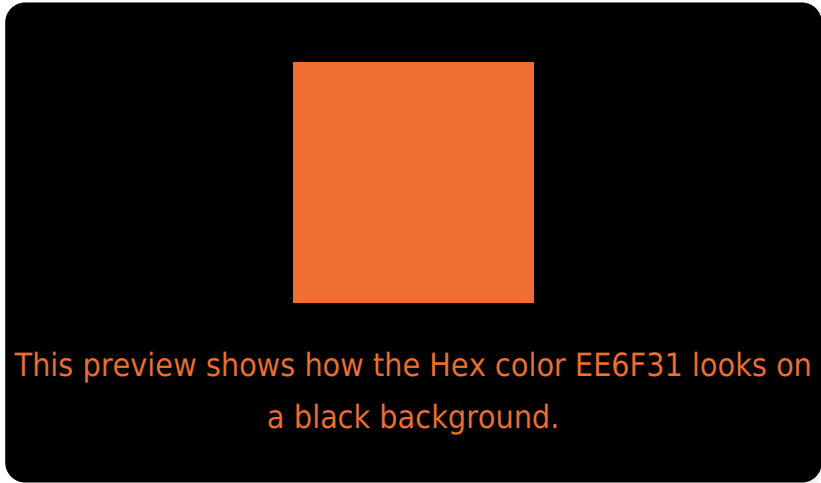
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE6F31 Background



This preview shows how black text looks on a background with the Hex color EE6F31.



This preview shows how white text looks on a background with the Hex color EE6F31.

# 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**  
EE6F31

**Protanopia**  
A6953B

**Deuteranopia**  
BB8D27



**Tritanopia**  
F1686F

# Trichromacy



**Original Color**  
EE6F31

**Protanomaly**  
C08737

**Deuteranomaly**  
CE822B

**Tritanomaly**  
F06B58

# Monochromacy



**Original Color**  
EE6F31

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
B1836C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE6F31 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 #EE6F31 looks like.

```
.text, #text, p{  
    color:#EE6F31  
}
```

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 #EE6F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE6F31
}
```

## Border

The CSS property to change the border of an element to Hex EE6F31 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
#EE6F31 }
```

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

```
.border{ border-color:#EE6F31 }
```

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

Here you see how a box with a 4 pixel #EE6F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE6F31; -webkit-box-shadow:4px 4px  
4px 4px #EE6F31; box-shadow:4px 4px 4px  
4px #EE6F31 }
```

# Background

The CSS property to change the background color of an element to Hex EE6F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE6F31 }
```

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

```
.background{ background-color:#EE6F31 }
```

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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