

# Converting Colors

Hex(EF6F1B)

Have a look what the booklet for  
Hex(EE6F1B) contains.

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# Color

**Hex(EE6F1B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | EE6F1B                     |
| RGB           | 238, 111, 27               |
| RGB Percent   | 93%, 44%, 11%              |
| CMY           | 0.0667, 0.5647, 0.8941     |
| CMYK          | 0.00, 0.53, 0.89, 0.07     |
| HSL           | 24°, 86%, 52%              |
| HSV           | 24°, 89%, 93%              |
| XYZ           | 41.1422, 29.6252, 4.5867   |
| YIQ           | 139.3970, 102.6560, 0.8000 |

# Conversions

## Conversions Part 2

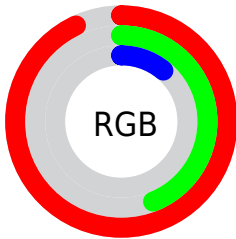
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 238, 167, 27                   |
| Decimal                             | 15626011                       |
| CIE <sub>Lab</sub>                  | 61.33, 44.91, 63.74            |
| CIE <sub>LCh</sub>                  | 61, 77.971, 54.831             |
| Yxy                                 | 29.6252, 0.5460,<br>0.3931     |
| Android<br>(android.graphics.Color) | 4293816091<br>(0xFFEE6F1B)     |
| YUV                                 | 139.3970, -55.4117,<br>86.4748 |
| Hunter-Lab                          | 54.4290, 39.6751,<br>33.1040   |

# Details

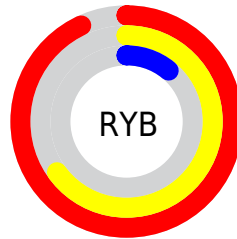
The Hex color **EE6F1B** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1B9AEE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA552**, and **AE3B00** is the 20% darker color. If you saturate the color by 10%, you get **EE6103**, and if you desaturate by 10%, it is **EE7D33**.

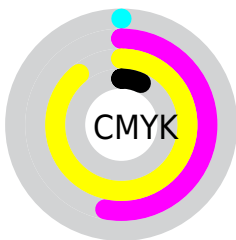
# Distribution



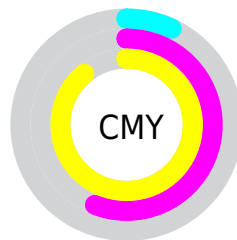
- Red (93%)
- Green (44%)
- Blue (11%)



- Red (93%)
- Yellow (65%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (89%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE6F1B 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 EE6F1B by changing the saturation by 10% instead.



 EE6F1B

 EE6F1B

FFFFFF

 CE5500

 FFA552

 AE3B00

 FFC16C

 8F1F00

 FFDD87

 710000

 FFFAA2

 530000

 FFFFBE

 380001

 FFFFDB

 120000

 FFFFF8

 000000

 EE6F1B

 EE6F1B

■ EE6103

■ EE7D33

■ EE5F00

■ EE8C4B

■ EE9A62

■ EEA87A

■ EEB792

■ EEC5AA

■ EED3C2

■ EEE2D9

■ EEF0F1

# Harmonies

## Analogous

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



FF4E5F



EE6F1B



BC8D00

# Triad

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



EE6F1B



00B286



7587FF

# Complementary

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



EE6F1B



1B9AEE

# 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.



00A0FF



EE6F1B



00B3CC

# Square

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



EE6F1B



00AD3D



00AEFF



DA64E5

# Rectangle

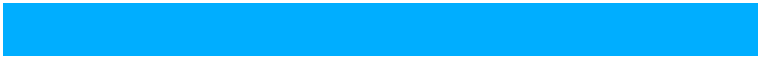
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EE6F1B



929C00



00AEFF



2091FF



# Sweetspot

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



EE6F1B



FFD6BA



EE1B9D



806757



000000



808080



# Same Dimension

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



EE6F1B



FF6600



EED51B



78716C



B84900



381600

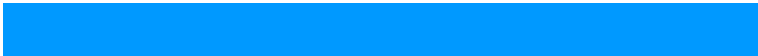


# Inverse Universe

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



1B9AEE



0099FF



1B34EE



6C7378



006FB8



002238



# Previews

## White Background



This preview shows how the Hex color EE6F1B looks on a white background.

## Color Contrast Check

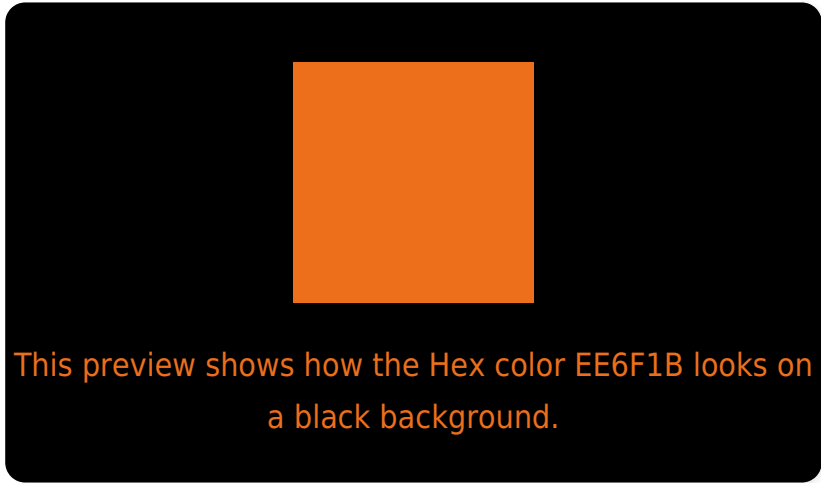
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE6F1B Background



This preview shows how black text looks on a background with the Hex color EE6F1B.

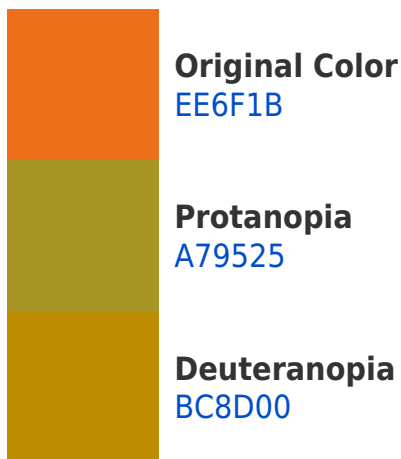


This preview shows how white text looks on a background with the Hex color EE6F1B.

# 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](#).

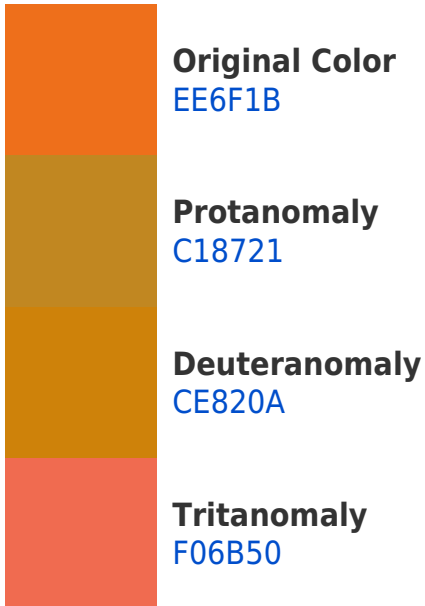
## Dichromacy





**Tritanopia**  
F1686E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE6F1B 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 #EE6F1B looks like.

```
.text, #text, p{  
    color:#EE6F1B  
}
```

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 #EE6F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE6F1B
}
```

## Border

The CSS property to change the border of an element to Hex EE6F1B 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
#EE6F1B }
```

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

```
.border{ border-color:#EE6F1B }
```

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

Here you see how a box with a 4 pixel #EE6F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE6F1B; -webkit-box-shadow:4px 4px  
4px 4px #EE6F1B; box-shadow:4px 4px 4px  
4px #EE6F1B }
```

# Background

The CSS property to change the background color of an element to Hex EE6F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE6F1B }
```

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

```
.background{ background-color:#EE6F1B }
```

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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