

# Converting Colors

Hex(EF7838)

Have a look what the booklet for  
Hex(EF7838) contains.

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**Color**

**Hex(EF7838)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF7838
RGB	239, 120, 56
RGB Percent	94%, 47%, 22%
CMY	0.0627, 0.5294, 0.7804
CMYK	0.00, 0.50, 0.77, 0.06
HSL	21°, 85%, 58%
HSV	21°, 77%, 94%
XYZ	43.0269, 32.0692, 7.6636
YIQ	148.2850, 91.4680, 5.3240

# Conversions

## Conversions Part 2

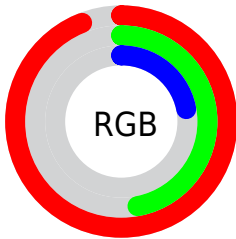
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 154, 56
Decimal	15693880
CIE Lab	63.40, 41.68, 54.32
CIE LCh	63, 68.466, 52.504
Yxy	32.0692, 0.5199, 0.3875
Android (android.graphics.Color)	4293883960 (0xFFEF7838)
YUV	148.2850, -45.4965, 79.5571
Hunter-Lab	56.6297, 36.5213, 31.6172

# Details

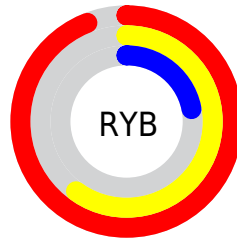
The Hex color **EF7838** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **38AFEF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAE6B**, and **B04400** is the 20% darker color. If you saturate the color by 10%, you get **EF6820**, and if you desaturate by 10%, it is **EF8850**.

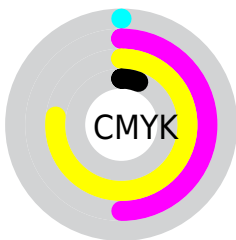
# Distribution



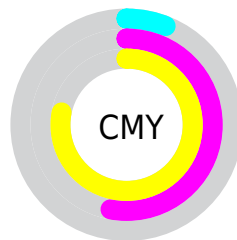
- Red (94%)
- Green (47%)
- Blue (22%)



- Red (94%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF7838 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 EF7838 by changing the saturation by 10% instead.



 EF7838

 EF7838

FFFFFF

 CF5E1E

 FFAE6B

 B04400

 FFCA85

 922A00

 FFE7A0

 730C00

 FFFFBB

 560000

 FFFFD8

 3A0000

 FFFFF5

 1A0001

 000000

 EF7838

 EF7838

 EF6820

 EF8850

 EF5908

 EF9768

 EF5400

 EFA780

 EFB698

 EFC6AF

 EFD5C7

 EFE5DF

 EFF4F7

 EFFFFFF

# Harmonies

## Analogous

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



FF606F



EF7838



C49101

# Triad

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



EF7838



00B588



7A90FF

# Complementary

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



EF7838



38AFEF

# 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.



00A5FF



EF7838



00B6C7

# Square

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



EF7838



36AF4A



00B1FA



D474E5

# Rectangle

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



EF7838



9F9F00



00B1FA



4298FF



# Sweetspot

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



EF7838



FFD9C4



EF38B2



80685C



000000



808080



# Same Dimension

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



EF7838



FF6614



EFD138



78706C



B84000



381400

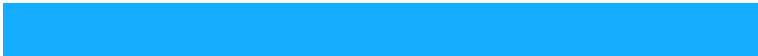


# Inverse Universe

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



38AFEF



14ADFF



3857EF



6C7478



0077B8



002438



# Previews

## White Background



This preview shows how the Hex color EF7838 looks on a white background.

## Color Contrast Check

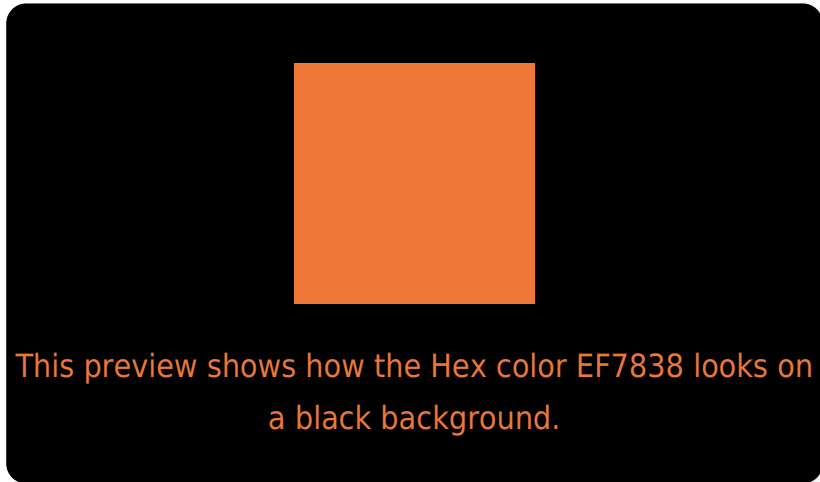
Large Text (above 18pt) WCAG AA × Fail

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 EF7838 Background



This preview shows how black text looks on a background with the Hex color EF7838.



This preview shows how white text looks on a background with the Hex color EF7838.

# 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**  
EF7838

**Protanopia**  
AB9A42

**Deuteranopia**  
C19230



**Tritanopia**  
F27179

# Trichromacy



**Original Color**  
EF7838

**Protanomaly**  
C48E3E

**Deuteranomaly**  
D28933

**Tritanomaly**  
F17461

# Monochromacy



**Original Color**  
EF7838

**Achromatopsia**  
949494

**Achromatomaly**  
B58A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF7838 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 #EF7838 looks like.

```
.text, #text, p{  
    color:#EF7838  
}
```

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 #EF7838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF7838
}
```

## Border

The CSS property to change the border of an element to Hex EF7838 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
#EF7838 }
```

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

```
.border{ border-color:#EF7838 }
```

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

Here you see how a box with a 4 pixel #EF7838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF7838; -webkit-box-shadow:4px 4px  
4px 4px #EF7838; box-shadow:4px 4px 4px  
4px #EF7838 }
```

# Background

The CSS property to change the background color of an element to Hex EF7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF7838 }
```

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

```
.background{ background-color:#EF7838 }
```

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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