

# Converting Colors

Hex(EF7738)

Have a look what the booklet for  
Hex(EF7738) contains.

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**Color**

**Hex(EF7738)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE7738
RGB	238, 119, 56
RGB Percent	93%, 47%, 22%
CMY	0.0667, 0.5333, 0.7804
CMYK	0.00, 0.50, 0.76, 0.07
HSL	21°, 84%, 58%
HSV	21°, 76%, 93%
XYZ	42.5705, 31.6563, 7.6079
YIQ	147.3990, 91.1470, 5.6350

# Conversions

## Conversions Part 2

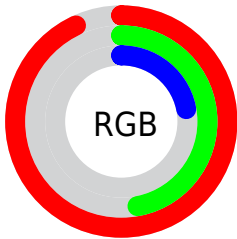
Format	Color
R <sub>Y</sub> B	238, 152, 56
Decimal	15628088
CIE Lab	63.06, 41.79, 53.93
CIE LCh	63, 68.226, 52.230
Yxy	31.6563, 0.5202, 0.3868
Android (android.graphics.Color)	4293818168 (0xFFEE7738)
YUV	147.3990, -45.0597, 79.4571
Hunter-Lab	56.2639, 36.5951, 31.3676

# Details

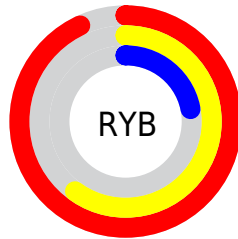
The Hex color **EE7738** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **38AFEE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAD6B**, and **AF4300** is the 20% darker color. If you saturate the color by 10%, you get **EE6720**, and if you desaturate by 10%, it is **EE8750**.

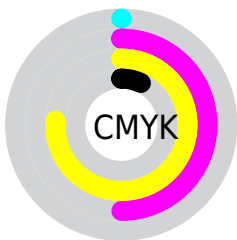
# Distribution



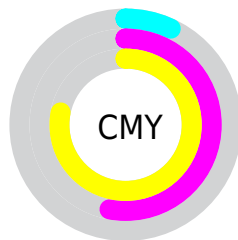
- Red (93%)
- Green (47%)
- Blue (22%)



- Red (93%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE7738 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 EE7738 by changing the saturation by 10% instead.



 EE7738

 EE7738

FFFFFF

 CF5D1E

 FFAD6B

 AF4300

 FFC985

 912900

 FFE6A0

 730B00

 FFFFBB

 550000

 FFFFDD

 3A0000

 FFFFF4

 180001

 000000

 EE7738

 EE7738

 EE6720

 EE8750

 EE5808

 EE9668

 EE5200

 EEA67F

 EEB597

 EEC5AF

 EED4C7

 EEE4DF

 EEF3F6

 EFFFFFF

# Harmonies

## Analogous

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



FF606E



EE7738



C39001

# Triad

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



EE7738



00B486



788FFF

# Complementary

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



EE7738



38AFEE

# 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.



00A4FF



EE7738



00B5C5

# Square

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



EE7738



37AE49



00B0F8



D273E4

# Rectangle

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



EE7738



9F9E00



00B0F8



3F97FF

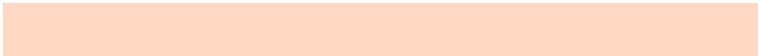


# Sweetspot

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



EE7738



FFD9C4



EE38B1



80685C



000000



808080



# Same Dimension

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



EE7738



FF6614



EED038



78706C



B84000



381300

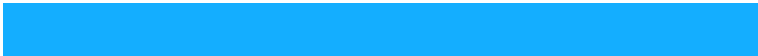


# Inverse Universe

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



38AFEE



14AEFF



3856EE



6C7478



0078B8



002538



# Previews

## White Background



This preview shows how the Hex color EE7738 looks on a white background.

## Color Contrast Check

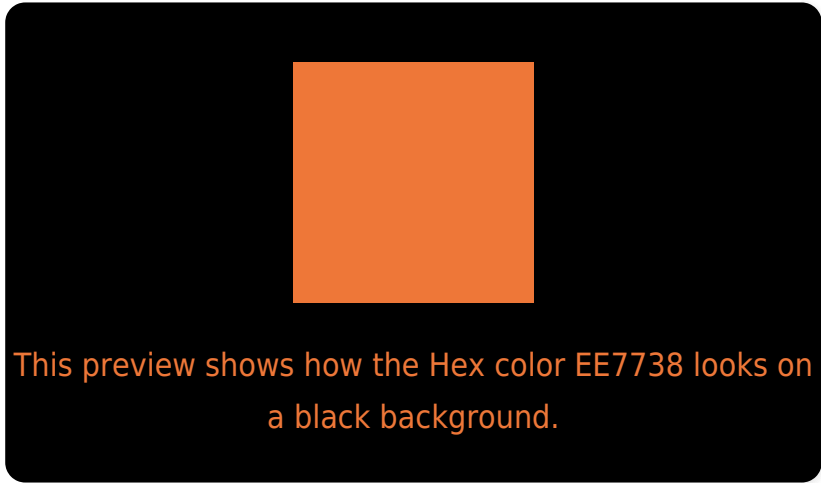
Large Text (above 18pt) WCAG AA × Fail

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 EE7738 Background



This preview shows how black text looks on a background with the Hex color EE7738.



This preview shows how white text looks on a background with the Hex color EE7738.

# 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**  
EE7738

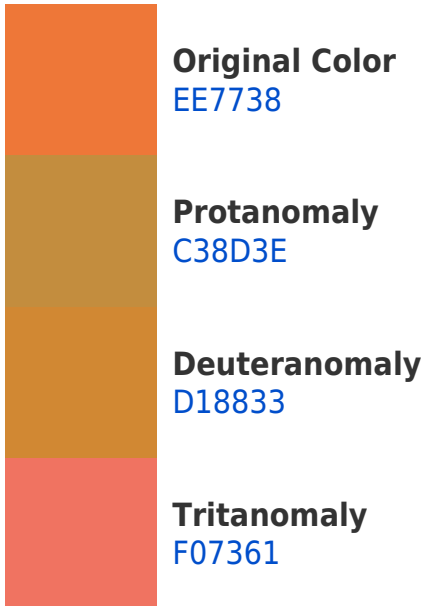
**Protanopia**  
AA9942

**Deuteranopia**  
C09130



**Tritanopia**  
F17078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE7738 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 #EE7738 looks like.

```
.text, #text, p{  
    color:#EE7738  
}
```

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 #EE7738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE7738
}
```

## Border

The CSS property to change the border of an element to Hex EE7738 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
#EE7738 }
```

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

```
.border{ border-color:#EE7738 }
```

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

Here you see how a box with a 4 pixel #EE7738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE7738; -webkit-box-shadow:4px 4px  
4px 4px #EE7738; box-shadow:4px 4px 4px  
4px #EE7738 }
```

# Background

The CSS property to change the background color of an element to Hex EE7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE7738 }
```

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

```
.background{ background-color:#EE7738 }
```

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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