

# Converting Colors

Hex(EC760E)

Have a look what the booklet for  
Hex(EC760E) contains.

<b>Hex(EC760E)</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(EC760E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC760E
RGB	236, 118, 14
RGB Percent	93%, 46%, 5%
CMY	0.0745, 0.5373, 0.9451
CMYK	0.00, 0.50, 0.94, 0.07
HSL	28°, 89%, 49%
HSV	28°, 94%, 93%
XYZ	41.1498, 30.8214, 4.1958
YIQ	141.4260, 103.7120, -7.3280

# Conversions

## Conversions Part 2

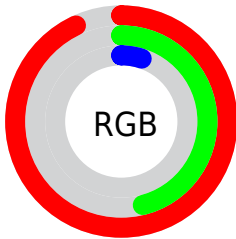
Format	Color
R <sub>YB</sub>	236, 210, 14
Decimal	15496718
CIE Lab	62.36, 40.51, 67.54
CIE LCh	62, 78.759, 59.049
Yxy	30.8214, 0.5403, 0.4047
Android (android.graphics.Color)	4293686798 (0xFFEC760E)
YUV	141.4260, -62.8210, 82.9414
Hunter-Lab	55.5171, 35.1510, 34.3810

# Details

The Hex color **EC760E** 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 **0E84EC**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAC4B**, and **AD4300** is the 20% darker color. If you saturate the color by 10%, you get **EC6F00**, and if you desaturate by 10%, it is **EC8326**.

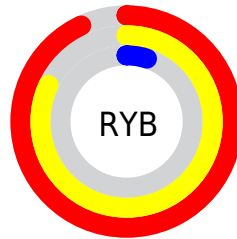
# Distribution



Red (93%)

Green (46%)

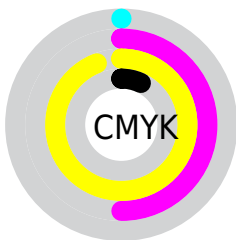
Blue (5%)



Red (93%)

Yellow (82%)

Blue (5%)

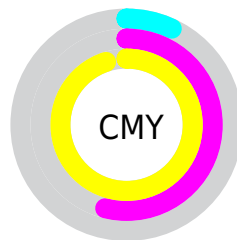


Cyan (0%)

Magenta (50%)

Yellow (94%)

Black (7%)



Cyan (7%)

Magenta (54%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC760E 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 EC760E by changing the saturation by 10% instead.



 EC760E

 EC760E

FFFFFF

 CC5C00

 FFAC4B

 AD4300

 FFC866

 8E2900

 FFE481

 6F0C00

 FFFF9D

 520000

 FFFFB9

 370001

 FFFFD5

 120000

 FFFFF2

 000000

 EC760E

 EC760E

 EC6F00

 EC8326

 EC8F3D

 EC9C55

 ECA86C

 ECB584

 ECC19C

 ECCEB3

 ECDACB

 ECE7E2

# Harmonies

## Analogous

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



FF5457



EC760E



B79300

# Triad

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



EC760E



00B592



8B85FF

# Complementary

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



EC760E



0E84EC

# 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



EC760E



00B5D9

# Square

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



EC760E



00B149



00B0FF



E761E0

# Rectangle

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



EC760E



8BA100



00B0FF



528FFF



# Sweetspot

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



EC760E



FFD9B8



EC0E84



806854



000000



808080



# Same Dimension

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



EC760E



FF7700



ECE50E



756F6A



B55500



361900



# Inverse Universe

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



0E84EC



0088FF



0E15EC



6A7075



0060B5



001C36



# Previews

## White Background



This preview shows how the Hex color EC760E looks on a white background.

## Color Contrast Check

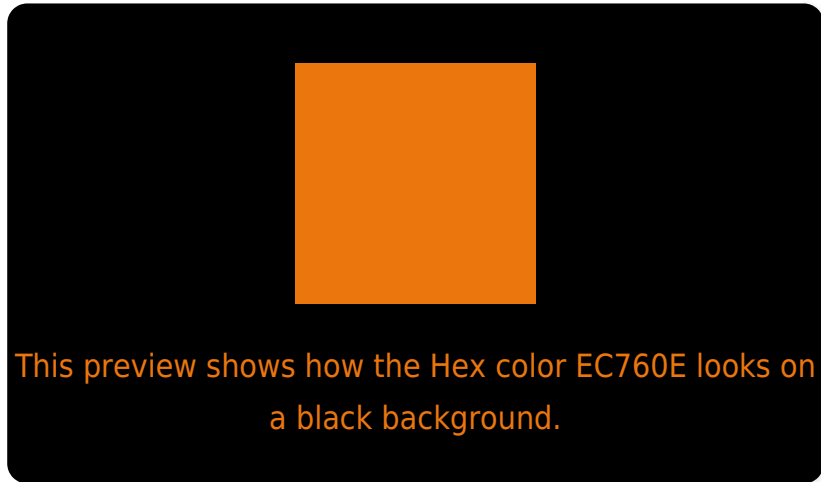
Large Text (above 18pt) WCAG AA × Fail

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 EC760E Background



This preview shows how black text looks on a background with the Hex color EC760E.



This preview shows how white text looks on a background with the Hex color EC760E.

# 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**  
EC760E

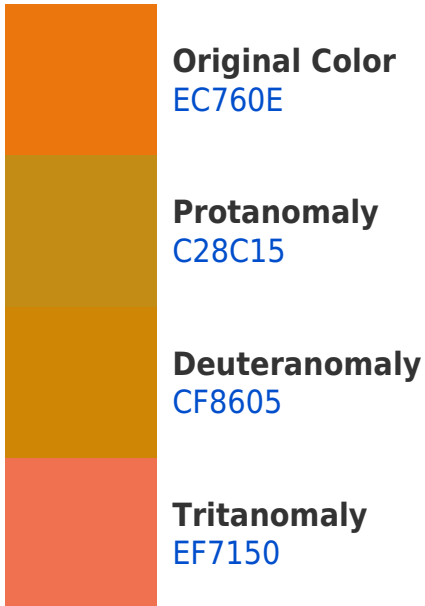
**Protanopia**  
AA9819

**Deuteranopia**  
BF8F00



**Tritanopia**  
F06E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC760E 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 #EC760E looks like.

```
.text, #text, p{  
    color:#EC760E  
}
```

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 #EC760E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC760E
}
```

## Border

The CSS property to change the border of an element to Hex EC760E 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
#EC760E }
```

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

```
.border{ border-color:#EC760E }
```

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

Here you see how a box with a 4 pixel #EC760E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC760E; -webkit-box-shadow:4px 4px  
4px 4px #EC760E; box-shadow:4px 4px 4px  
4px #EC760E }
```

# Background

The CSS property to change the background color of an element to Hex EC760E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC760E }
```

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

```
.background{ background-color:#EC760E }
```

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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