

# Converting Colors

Hex(EA661C)

Have a look what the booklet for  
Hex(EA661C) contains.

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**Color**

**Hex(EA661C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA661C
RGB	234, 102, 28
RGB Percent	92%, 40%, 11%
CMY	0.0824, 0.6000, 0.8902
CMYK	0.00, 0.56, 0.88, 0.08
HSL	22°, 83%, 51%
HSV	22°, 88%, 92%
XYZ	38.8927, 27.0790, 4.2755
YIQ	133.0320, 102.4260, 4.9700

# Conversions

## Conversions Part 2

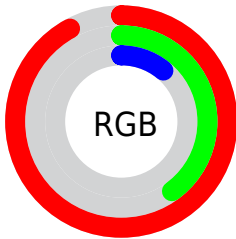
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 143, 28
Decimal	15361564
CIELab	59.05, 47.72, 61.41
CIElCh	59, 77.777, 52.149
Yxy	27.0790, 0.5537, 0.3855
Android (android.graphics.Color)	4293551644 (0xFFEA661C)
YUV	133.0320, -51.7808, 88.5489
Hunter-Lab	52.0375, 42.3447, 31.5549

# Details

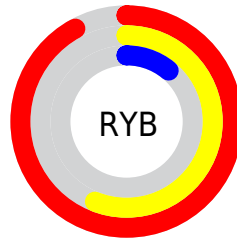
The Hex color **EA661C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **1CA0EA**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9C51**, and **AA3000** is the 20% darker color. If you saturate the color by 10%, you get **EA5705**, and if you desaturate by 10%, it is **EA7533**.

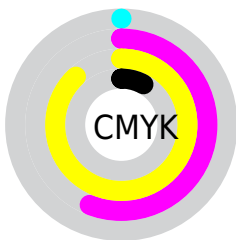
# Distribution



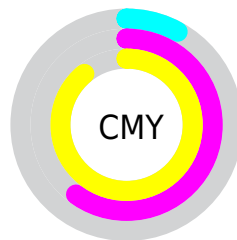
- Red (92%)
- Green (40%)
- Blue (11%)



- Red (92%)
- Yellow (56%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (88%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA661C 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 EA661C by changing the saturation by 10% instead.



 EA661C

 EA661C

FFFFFF

 CA4B00

 FF9C51

 AA3000

 FFB86B

 8B1100

 FFD486

 6C0000

 FFF1A1

 4F0000

 FFFFBD

 350002

 FFFFD9

 010000

 FFFFF6

 000000

 EA661C

 EA661C

EA5705

EA7533

EA5400

EA844B

EA9362

EAA27A

EAB191

EAC0A8

EACFC0

EADED7

EAEDF

# Harmonies

## Analogous

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



FF445F



EA661C



BA8500

# Triad

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



EA661C



00AB79



5E84FF

# Complementary

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



EA661C



1CA0EA

# 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.



009CFF



EA661C



00ACC0

# Square

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



EA661C



00A531



00A8FA



CD61E3

# Rectangle

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



EA661C



929400



00A8FA



008DFF



# Sweetspot

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



EA661C



FFD5BD



EA1CA2



806658



000000



808080



# Same Dimension

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



EA661C



FF5C00



EACB1C



756E6A



B54100



361300



# Inverse Universe

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



1CA0EA



00A3FF



1C3BEA



6A7175



0074B5



002236



# Previews

## White Background



This preview shows how the Hex color EA661C looks on a white background.

## Color Contrast Check

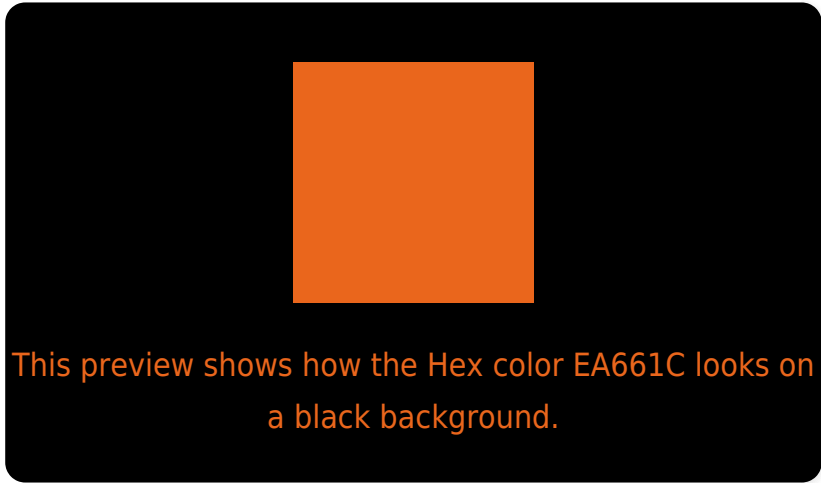
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA661C Background



This preview shows how black text looks on a background with the Hex color EA661C.



This preview shows how white text looks on a background with the Hex color EA661C.

# 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**  
EA661C

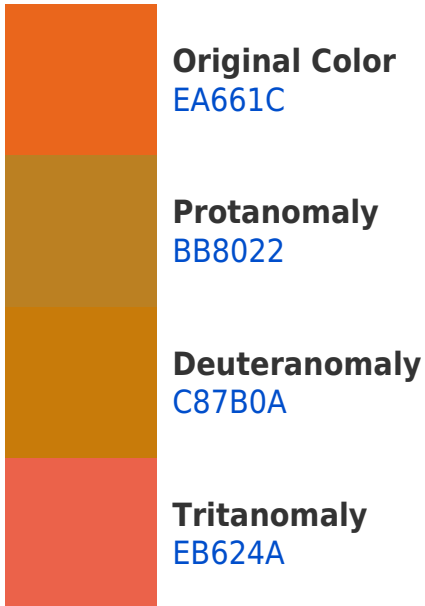
**Protanopia**  
A08F26

**Deuteranopia**  
B48700



**Tritanopia**  
EC5F65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA661C 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 #EA661C looks like.

```
.text, #text, p{  
    color:#EA661C  
}
```

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 #EA661C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA661C
}
```

## Border

The CSS property to change the border of an element to Hex EA661C is called "border". The border property can be set on classes, ids or directly on the HTML element.

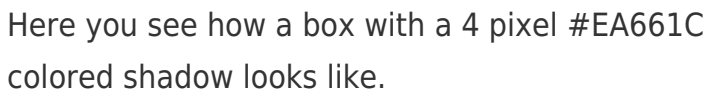
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA661C }
```

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

```
.border{ border-color:#EA661C }
```

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



Here you see how a box with a 4 pixel `#EA661C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA661C; -webkit-box-shadow:4px 4px  
4px 4px #EA661C; box-shadow:4px 4px 4px  
4px #EA661C }
```

# Background

The CSS property to change the background color of an element to Hex EA661C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA661C }
```

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

```
.background{ background-color:#EA661C }
```

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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