

Converting Colors

Hex(E67A0F)

Have a look what the booklet for
Hex(E67A0F) contains.

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Color

Hex(E67A0F)

Conversions

Conversions Part 1

Format	Color
Hex	E67A0F
RGB	230, 122, 15
RGB Percent	90%, 48%, 6%
CMY	0.0980, 0.5216, 0.9412
CMYK	0.00, 0.47, 0.93, 0.10
HSL	30°, 88%, 48%
HSV	30°, 93%, 90%
XYZ	39.6789, 30.7766, 4.3011
YIQ	142.0940, 98.7150, -10.3810

Conversions

Conversions Part 2

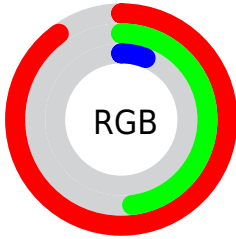
Format	Color
R _Y B	230, 228, 15
Decimal	15104527
CIE Lab	62.32, 36.11, 66.92
CIE LCh	62, 76.039, 61.649
Yxy	30.7766, 0.5308, 0.4117
Android (android.graphics.Color)	4293294607 (0xFFE67A0F)
YUV	142.0940, -62.6573, 77.0936
Hunter-Lab	55.4766, 30.5856, 34.2369

Details

The Hex color **E67A0F** 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 **0F7BE6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB04C**, and **A74700** is the 20% darker color. If you saturate the color by 10%, you get **E67200**, and if you desaturate by 10%, it is **E68626**.

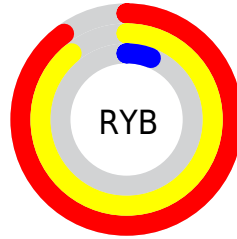
Distribution



Red (90%)

Green (48%)

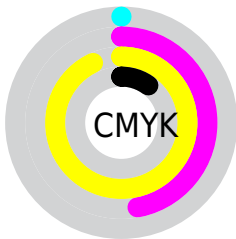
Blue (6%)



Red (90%)

Yellow (89%)

Blue (6%)

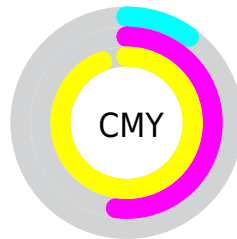


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (10%)



Cyan (10%)

Magenta (52%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67A0F 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 E67A0F by changing the saturation by 10% instead.

 E67A0F

 E67A0F

FFFFFF

 C66000

 FFB04C

 A74700

 FFCB67

 892F00

 FFE882

 6A1500

 FFFF9D

 4D0000

 FFFFB9

 330000

 FFFFD6

 080000

 FFFFF3

 000000

 E67A0F

 E67A0F

 E67200

 E68626

 E6913D

 E69D54

 E6A86B

 E6B482

 E6BF99

 E6CBB0

 E6D6C7

 E6E2DE

Harmonies

Analogous

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



FF5A54



E67A0F



B29500

Triad

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



E67A0F



00B599



9783FF

Complementary

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



E67A0F



0F7BE6

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.



009EFF



E67A0F



00B4DC

Square

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



E67A0F



00B052



00AEFF



E960D8

Rectangle

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



E67A0F



86A200



00AEFF



698DFF

Sweetspot

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



E67A0F



FFDBB8



E60F7E



806A54



000000



808080

Same Dimension

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



E67A0F



FF7F00



E6E20F



736D67



B35900



331900

Inverse Universe

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



0F7BE6



0080FF



0F13E6



676D73



005AB3



001A33

Previews

White Background



This preview shows how the Hex color E67A0F looks on a white background.

Color Contrast Check

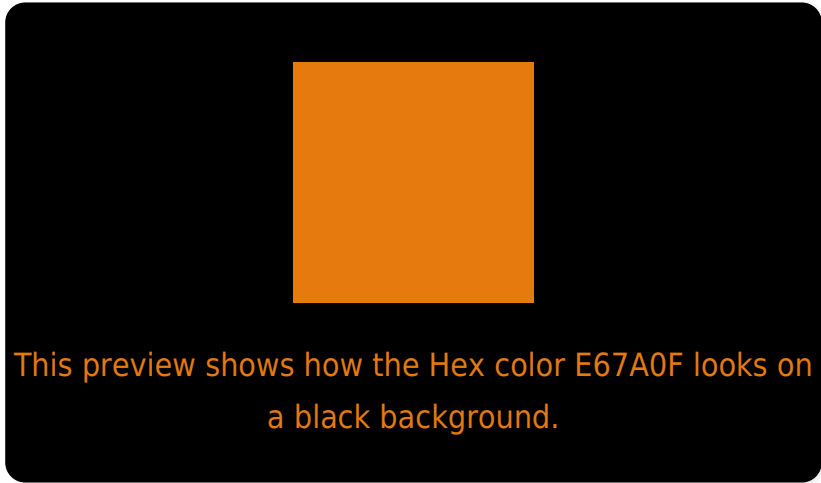
Large Text (above 18pt) WCAG AA × Fail

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 E67A0F Background



This preview shows how black text looks on a background with the Hex color E67A0F.



This preview shows how white text looks on a background with the Hex color E67A0F.

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

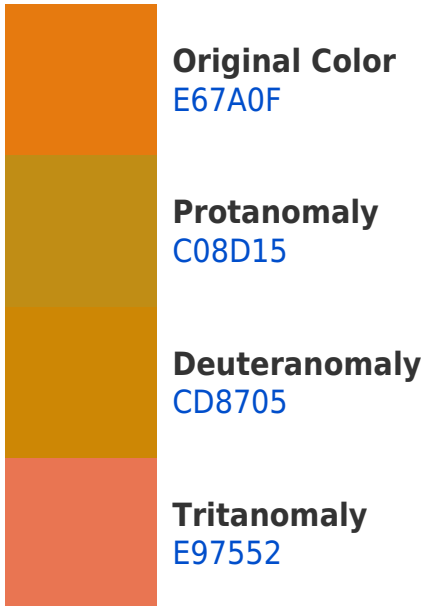


Original Color
E67A0F

Protanopia
AA9819

Deuteranopia
BF8F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E67A0F 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 #E67A0F looks like.

```
.text, #text, p{  
    color:#E67A0F  
}
```

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 #E67A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67A0F
}
```

Border

The CSS property to change the border of an element to Hex E67A0F 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
#E67A0F }
```

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

```
.border{ border-color:#E67A0F }
```

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

Here you see how a box with a 4 pixel #E67A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67A0F; -webkit-box-shadow:4px 4px  
4px 4px #E67A0F; box-shadow:4px 4px 4px  
4px #E67A0F }
```

Background

The CSS property to change the background color of an element to Hex E67A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67A0F }
```

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

```
.background{ background-color:#E67A0F }
```

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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