

Converting Colors

Hex(E67F08)

Have a look what the booklet for
Hex(E67F08) contains.

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Color

Hex(E67F08)

Conversions

Conversions Part 1

Format	Color
Hex	E67F08
RGB	230, 127, 8
RGB Percent	90%, 50%, 3%
CMY	0.0980, 0.5020, 0.9686
CMYK	0.00, 0.45, 0.97, 0.10
HSL	32°, 93%, 47%
HSV	32°, 97%, 90%
XYZ	40.2663, 32.0193, 4.2878
YIQ	144.2310, 99.5870, -15.1730

Conversions

Conversions Part 2

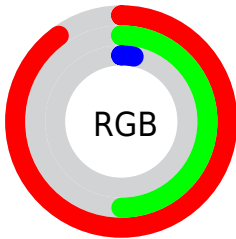
Format	Color
R_{YB}	200, 230, 8
Decimal	15105800
CIE Lab	63.36, 33.46, 68.78
CIE LCh	63, 76.489, 64.058
Yxy	32.0193, 0.5259, 0.4182
Android (android.graphics.Color)	4293295880 (0xFFE67F08)
YUV	144.2310, -67.1619, 75.2194
Hunter-Lab	56.5856, 27.9960, 35.1172

Details

The Hex color **E67F08** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **086FE6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB54A**, and **A74C00** is the 20% darker color. If you saturate the color by 10%, you get **E67B00**, and if you desaturate by 10%, it is **E68A1F**.

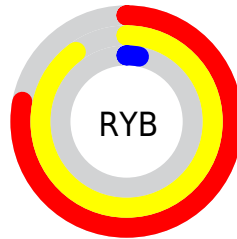
Distribution



Red (90%)

Green (50%)

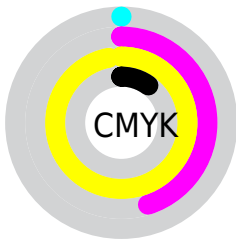
Blue (3%)



Red (78%)

Yellow (90%)

Blue (3%)

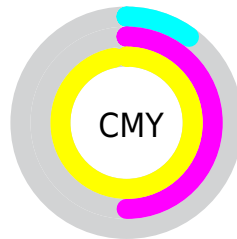


Cyan (0%)

Magenta (45%)

Yellow (97%)

Black (10%)



Cyan (10%)

Magenta (50%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67F08 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 E67F08 by changing the saturation by 10% instead.

 E67F08

 E67F08

FFFFFF

 C66500

 FF54A

 A74C00

 FFD065

 893400

 FFED80

 6B1C00

 FFFF9C

 4E0100

 FFFF8

 330000

 FFFFD5

 0C0000

 FFFFF2

 000000

 E67F08

 E67F08

 E67B00

 E68A1F

 E69436

 E69F4D

 E6AA64

 E6B47B

 E6BF92

 E6CAA9

 E6D4C0

 E6DFD7

Harmonies

Analogous

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



FF5F51



E67F08



B09900

Triad

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



E67F08



00B8A1



A383FF

Complementary

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



E67F08



086FE6

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.



009FFF



E67F08



00B7E4

Square

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



E67F08



00B45A



00B0FF



F160D6

Rectangle

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



E67F08



83A600



00B0FF



798DFF

Sweetspot

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



E67F08



FFDDB5



E6870



806B53



000000



808080

Same Dimension

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



E67F08



FF8900



DFE608



736D67



B36000



331B00

Inverse Universe

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



086FE6



0076FF



0F08E6



676D73



0053B3



001833

Previews

White Background



This preview shows how the Hex color E67F08 looks on a white background.

Color Contrast Check

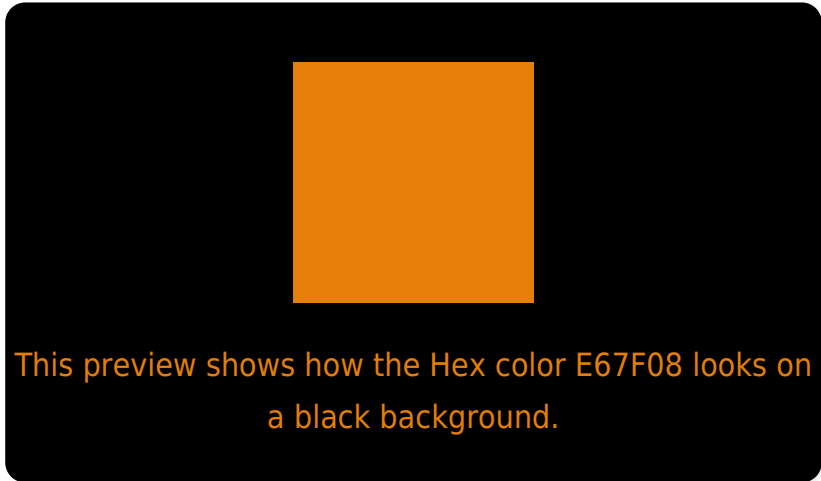
Large Text (above 18pt) WCAG AA × Fail

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 E67F08 Background



This preview shows how black text looks on a background with the Hex color E67F08.



This preview shows how white text looks on a background with the Hex color E67F08.

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
E67F08

Protanopia
AD9A14

Deuteranopia
C29200



Tritanopia
EA767E

Trichromacy



Original Color
E67F08

Protanomaly
C29010

Deuteranomaly
CF8B03

Tritanomaly
E97953

Monochromacy



Original Color
E67F08

Achromatopsia
909090

Achromatomaly
AF8A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex E67F08 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 #E67F08 looks like.

```
.text, #text, p{  
    color:#E67F08  
}
```

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 #E67F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67F08  
}
```

Border

The CSS property to change the border of an element to Hex E67F08 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  
#E67F08 }
```

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

```
.border{ border-color:#E67F08 }
```

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

Here you see how a box with a 4 pixel #E67F08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67F08; -webkit-box-shadow:4px 4px  
4px 4px #E67F08; box-shadow:4px 4px 4px  
4px #E67F08 }
```

Background

The CSS property to change the background color of an element to Hex E67F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67F08 }
```

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

```
.background{ background-color:#E67F08 }
```

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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