

Converting Colors

Hex(EF7812)

Have a look what the booklet for
Hex(EE7812) contains.

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Color

Hex(EE7812)

Conversions

Conversions Part 1

Format	Color
Hex	EE7812
RGB	238, 120, 18
RGB Percent	93%, 47%, 7%
CMY	0.0667, 0.5294, 0.9294
CMYK	0.00, 0.50, 0.92, 0.07
HSL	28°, 87%, 50%
HSV	28°, 92%, 93%
XYZ	42.0855, 31.6538, 4.4639
YIQ	143.6540, 103.0700, -6.7060

Conversions

Conversions Part 2

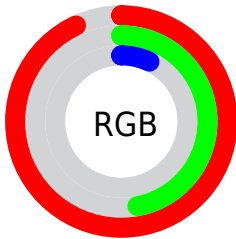
Format	Color
R _Y B	238, 208, 18
Decimal	15628306
CIE Lab	63.06, 40.34, 67.34
CIE LCh	63, 78.498, 59.077
Yxy	31.6538, 0.5382, 0.4048
Android (android.graphics.Color)	4293818386 (0xFFEE7812)
YUV	143.6540, -61.9474, 82.7414
Hunter-Lab	56.2617, 35.0658, 34.6790

Details

The Hex color **EE7812** 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 **1288EE**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAE4E**, and **AF4500** is the 20% darker color. If you saturate the color by 10%, you get **EE6E00**, and if you desaturate by 10%, it is **EE852A**.

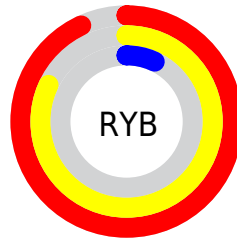
Distribution



Red (93%)

Green (47%)

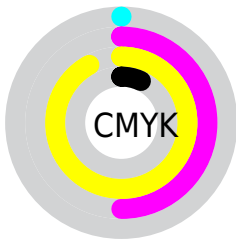
Blue (7%)



Red (93%)

Yellow (82%)

Blue (7%)

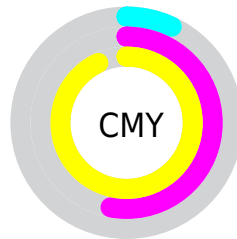


Cyan (0%)

Magenta (50%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE7812 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 EE7812 by changing the saturation by 10% instead.

 EE7812

 EE7812

FFFFFF

 CE5E00

 FFAE4E

 AF4500

 FFCA68

 902B00

 FFE683

 710F00

 FFFF9F

 540000

 FFFFBB

 380000

 FFFFD8

 160000

 FFFFF5

 000000

 EE7812

 EE7812

■ EE6E00

■ EE852A

■ EE9242

■ EE9E59

■ EEAB71

■ EEB889

■ EEC5A1

■ EED1B9

■ EEDED0

■ EEEBE8

Harmonies

Analogous

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



FF5659



EE7812



B99500

Triad

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



EE7812



00B794



8E87FF

Complementary

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



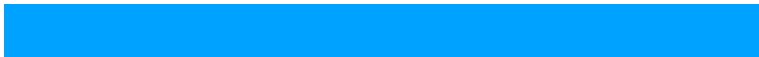
EE7812



1288EE

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.



00A2FF



EE7812



00B7DB

Square

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



EE7812



00B34B



00B1FF



E963E2

Rectangle

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



EE7812



8DA300



00B1FF



5691FF

Sweetspot

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



EE7812



FFD9B8



EE128B



806854



000000



808080

Same Dimension

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



EE7812



FF7600



EEE312



78716C



B85500



381A00

Inverse Universe

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



1288EE



0089FF



121DEE



6C7278



0062B8



001E38

Previews

White Background



This preview shows how the Hex color EE7812 looks on a white background.

Color Contrast Check

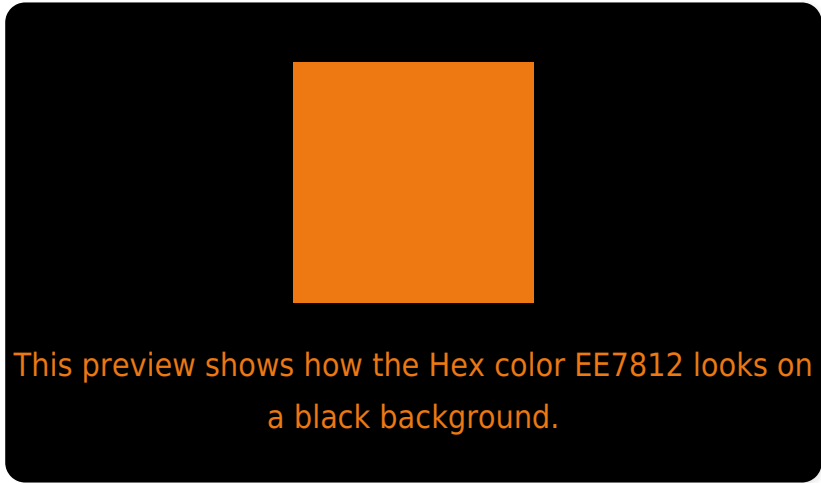
Large Text (above 18pt) WCAG AA × Fail

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 EE7812 Background



This preview shows how black text looks on a background with the Hex color EE7812.



This preview shows how white text looks on a background with the Hex color EE7812.

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
EE7812

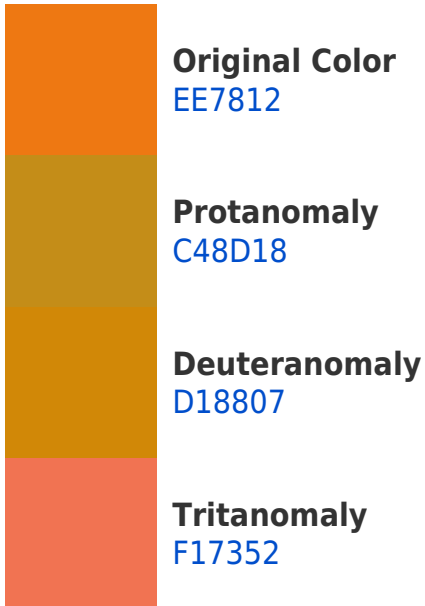
Protanopia
AC991C

Deuteranopia
C19100



Tritanopia
F27077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EE7812 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 #EE7812 looks like.

```
.text, #text, p{  
    color:#EE7812  
}
```

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 #EE7812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE7812
}
```

Border

The CSS property to change the border of an element to Hex EE7812 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
#EE7812 }
```

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

```
.border{ border-color:#EE7812 }
```

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

Here you see how a box with a 4 pixel #EE7812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE7812; -webkit-box-shadow:4px 4px  
4px 4px #EE7812; box-shadow:4px 4px 4px  
4px #EE7812 }
```

Background

The CSS property to change the background color of an element to Hex EE7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE7812 }
```

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

```
.background{ background-color:#EE7812 }
```

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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