

Converting Colors

Hex(E97816)

Have a look what the booklet for
Hex(E97816) contains.

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Color

Hex(E97816)

Conversions

Conversions Part 1

Format	Color
Hex	E97816
RGB	233, 120, 22
RGB Percent	91%, 47%, 9%
CMY	0.0863, 0.5294, 0.9137
CMYK	0.00, 0.48, 0.91, 0.09
HSL	28°, 83%, 50%
HSV	28°, 91%, 91%
XYZ	40.4656, 30.8145, 4.5741
YIQ	142.6150, 98.8060, -6.5220

Conversions

Conversions Part 2

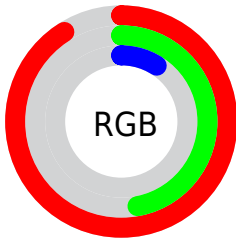
Format	Color
R _Y B	233, 205, 22
Decimal	15300630
CIE Lab	62.35, 38.42, 65.56
CIE LCh	62, 75.992, 59.627
Yxy	30.8145, 0.5335, 0.4062
Android (android.graphics.Color)	4293490710 (0xFFE97816)
YUV	142.6150, -59.4632, 79.2676
Hunter-Lab	55.5108, 32.9767, 33.9721

Details

The Hex color **E97816** 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 **1687E9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAE50**, and **AA4500** is the 20% darker color. If you saturate the color by 10%, you get **E96C00**, and if you desaturate by 10%, it is **E9842D**.

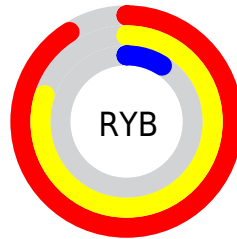
Distribution



Red (91%)

Green (47%)

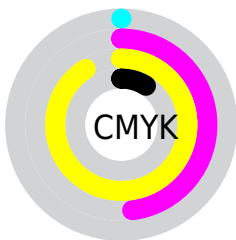
Blue (9%)



Red (91%)

Yellow (80%)

Blue (9%)

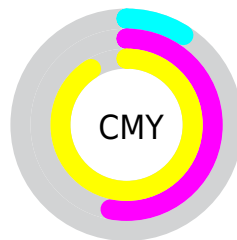


Cyan (0%)

Magenta (48%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E97816 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 E97816 by changing the saturation by 10% instead.

 E97816

 E97816

FFFFFF

 C95E00

 FFAE50

 AA4500

 FFCA6A

 8B2C00

 FFE685

 6D1100

 FFFFA1

 500000

 FFFFBD

 350001

 FFFFD9

 0E0000

 FFFFF6

 000000

 E97816

 E97816

 E96C00

 E9842D

 E99145

 E99D5C

 E9AA73

 E9B68B

 E9C3A2

 E9CFB9

 E9DCD0

 E9E8E8

Harmonies

Analogous

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



FF5858



E97816



B69400

Triad

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



E97816



00B594



8F85FF

Complementary

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



E97816



1687E9

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



E97816



00B5D8

Square

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



E97816



00B04E



00AFFF



E663DC

Rectangle

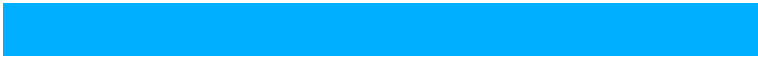
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E97816



8BA100



00AFFF



5D8FFF

Sweetspot

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



E97816



FFDABA



E9168A



806A57



000000



808080

Same Dimension

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



E97816



FF7600



E9DE16



756F6A



B55400



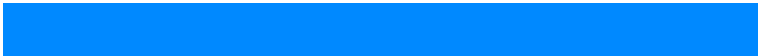
361900

Inverse Universe

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



1687E9



0089FF



1621E9



6A7075



0061B5



001D36

Previews

White Background



This preview shows how the Hex color E97816 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 E97816 Background



This preview shows how black text looks on a background with the Hex color E97816.



This preview shows how white text looks on a background with the Hex color E97816.

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

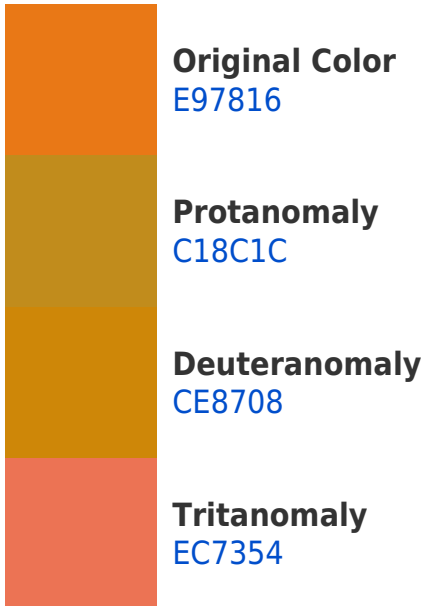


Original Color
E97816

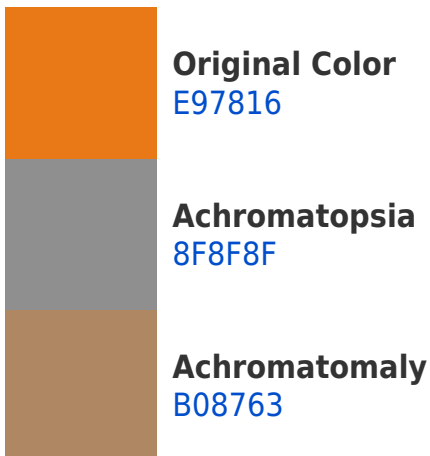
Protanopia
AA981F

Deuteranopia
BF8F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E97816 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 #E97816 looks like.

```
.text, #text, p{  
    color:#E97816  
}
```

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 #E97816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97816
}
```

Border

The CSS property to change the border of an element to Hex E97816 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
#E97816 }
```

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

```
.border{ border-color:#E97816 }
```

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

Here you see how a box with a 4 pixel #E97816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97816; -webkit-box-shadow:4px 4px  
4px 4px #E97816; box-shadow:4px 4px 4px  
4px #E97816 }
```

Background

The CSS property to change the background color of an element to Hex E97816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97816 }
```

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

```
.background{ background-color:#E97816 }
```

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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