

Converting Colors

Hex(E87E01)

Have a look what the booklet for
Hex(E87E01) contains.

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Color

Hex(E87E01)

Conversions

Conversions Part 1

Format	Color
Hex	E87E01
RGB	232, 126, 1
RGB Percent	91%, 49%, 0%
CMY	0.0902, 0.5059, 0.9961
CMYK	0.00, 0.46, 1.00, 0.09
HSL	32°, 99%, 46%
HSV	32°, 100%, 91%
XYZ	40.7450, 32.0797, 4.0732
YIQ	143.4440, 103.3010, -16.4030

Conversions

Conversions Part 2

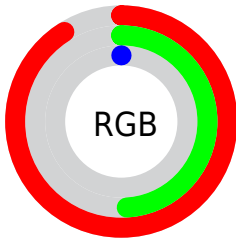
Format	Color
RYB	197, 232, 1
Decimal	15236609
CIELab	63.41, 34.73, 70.02
CIElCh	63, 78.161, 63.621
Yxy	32.0797, 0.5299, 0.4172
Android (android.graphics.Color)	4293426689 (0xFFE87E01)
YUV	143.4440, -70.2249, 77.6636
Hunter-Lab	56.6389, 29.2915, 35.3834

Details

The Hex color **E87E01** 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 **016BE8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB447**, and **A94B00** is the 20% darker color. If you saturate the color by 10%, you get **E87E00**, and if you desaturate by 10%, it is **E88918**.

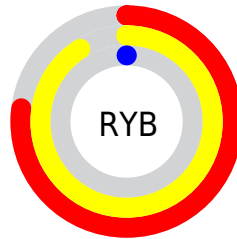
Distribution



Red (91%)

Green (49%)

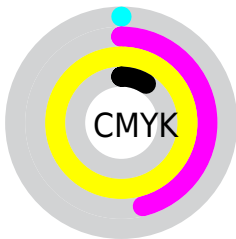
Blue (0%)



Red (77%)

Yellow (91%)

Blue (0%)

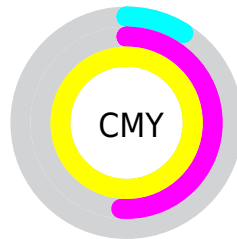


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87E01 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 E87E01 by changing the saturation by 10% instead.

 E87E01

 E87E01

FFFFFF

 C86400

 FF8447

 A94B00

 FFCF63

 8A3300

 FFEC7E

 6C1A00

 FFFF9A

 4F0000

 FFFF86

 350000

 FFFFD2

 100000

 FFFFEE

 000000

 E87E01

 E87E01

 E87E00

 E88918

 E8932F

 E89E47

 E8A95E

 E8B375

 E8BE8C

 E8C9A3

 E8D3BB

 E8DED2

Harmonies

Analogous

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



FF5D51



E87E01



B19900

Triad

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



E87E01



00B8A0



A283FF

Complementary

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



E87E01



016BE8

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.



00A0FF



E87E01



00B8E5

Square

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



E87E01



00B458



00B1FF



F25FD9

Rectangle

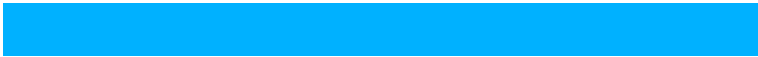
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E87E01



84A600



00B1FF



758EFF

Sweetspot

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



E87E01



FFDCB3



E8016D



806A52



000000



808080

Same Dimension

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



E87E01



FF8A00



E0E801



736D67



B36100



331C00

Inverse Universe

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



016BE8



0075FF



0901E8



676D73



0052B3



001733

Previews

White Background



This preview shows how the Hex color E87E01 looks on a white background.

Color Contrast Check

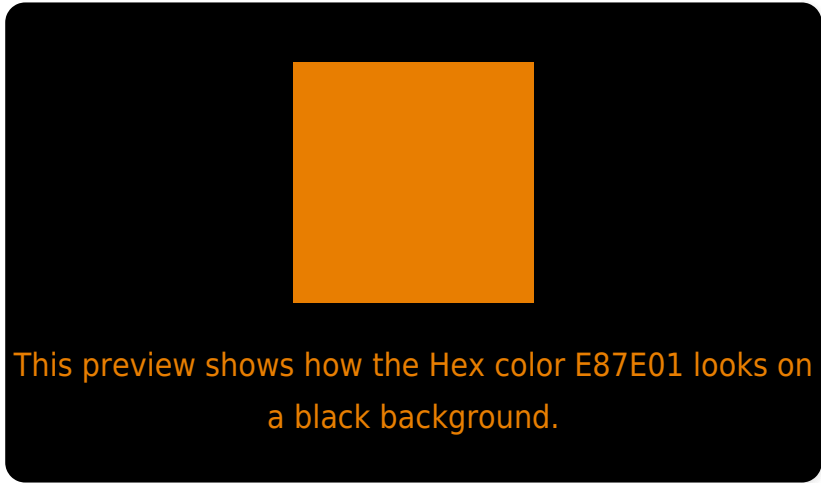
Large Text (above 18pt) WCAG AA × Fail

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 E87E01 Background



This preview shows how black text looks on a background with the Hex color E87E01.



This preview shows how white text looks on a background with the Hex color E87E01.

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
E87E01

Protanopia
AE9A13

Deuteranopia
C39200

Trichromacy



Original Color
E87E01

Protanomaly
C3900C

Deuteranomaly
D08B00

Tritanomaly
EB7850

Monochromacy



Original Color
E87E01

Achromatopsia
8F8F8F

Achromatomaly
AF895B

CSS Examples

Text

The CSS property to change the color of the text to Hex E87E01 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 #E87E01 looks like.

```
.text, #text, p{  
    color:#E87E01  
}
```

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 #E87E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87E01
}
```

Border

The CSS property to change the border of an element to Hex E87E01 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
#E87E01 }
```

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

```
.border{ border-color:#E87E01 }
```

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

Here you see how a box with a 4 pixel #E87E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87E01; -webkit-box-shadow:4px 4px  
4px 4px #E87E01; box-shadow:4px 4px 4px  
4px #E87E01 }
```

Background

The CSS property to change the background color of an element to Hex E87E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87E01 }
```

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

```
.background{ background-color:#E87E01 }
```

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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