

Converting Colors

Hex(E86E17)

Have a look what the booklet for
Hex(E86E17) contains.

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Color

Hex(E86E17)

Conversions

Conversions Part 1

Format	Color
Hex	E86E17
RGB	232, 110, 23
RGB Percent	91%, 43%, 9%
CMY	0.0902, 0.5686, 0.9098
CMYK	0.00, 0.53, 0.90, 0.09
HSL	25°, 82%, 50%
HSV	25°, 90%, 91%
XYZ	39.0093, 28.3695, 4.2305
YIQ	136.5600, 100.6390, -1.1930

Conversions

Conversions Part 2

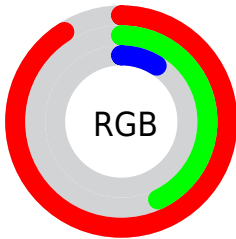
Format	Color
R_{YB}	232, 172, 23
Decimal	15232535
CIE _{Lab}	60.22, 43.04, 63.68
CIE _{LCh}	60, 76.856, 55.947
Yxy	28.3695, 0.5448, 0.3962
Android (android.graphics.Color)	4293422615 (0xFFE86E17)
YUV	136.5600, -55.9851, 83.7009
Hunter-Lab	53.2631, 37.5212, 32.5750

Details

The Hex color **E86E17** 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 **1791E8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA44F**, and **A93A00** is the 20% darker color. If you saturate the color by 10%, you get **E86100**, and if you desaturate by 10%, it is **E87C2E**.

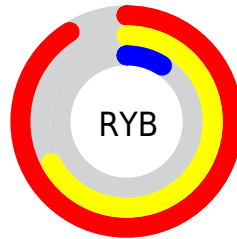
Distribution



Red (91%)

Green (43%)

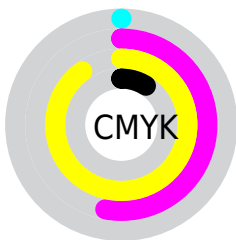
Blue (9%)



Red (91%)

Yellow (67%)

Blue (9%)

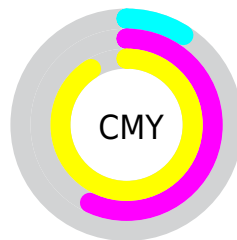


Cyan (0%)

Magenta (53%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E86E17 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 E86E17 by changing the saturation by 10% instead.

 E86E17

 E86E17

FFFFFF

 C85400

 FFA44F

 A93A00

 FFC069

 8A1F00

 FFDC84

 6B0000

 FFF99F

 4E0000

 FFFFBB

 350002

 FFFFD8

 020000

 FFFFF5

 000000

 E86E17

 E86E17

 E86100

 E87C2E

 E88945

 E8975D

 E8A474

 E8B28B

 E8BFA2

 E8CDB9

 E8DAD1

 E8E8E8

Harmonies

Analogous

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



FF4D5A



E86E17



B68B00

Triad

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



E86E17



00AE86



7883FF

Complementary

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



E86E17



1791E8

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.



009CFF



E86E17



00AFCB

Square

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



E86E17



00A93F



00AAFF



D960DE

Rectangle

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



E86E17



8D9900



00AAFF



308DFF

Sweetspot

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



E86E17



FFD7BA



E81794



806857



000000



808080

Same Dimension

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



E86E17



FF6A00



E8D317



736C67



B34A00



331500

Inverse Universe

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



1791E8



0095FF



172CE8



676E73



0068B3



001E33

Previews

White Background



This preview shows how the Hex color E86E17 looks on a white background.

Color Contrast Check

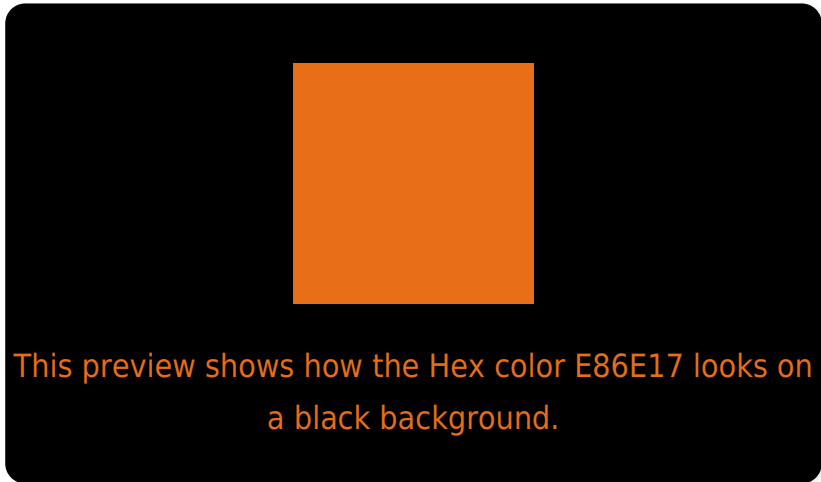
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E86E17 Background



This preview shows how black text looks on a background with the Hex color E86E17.



This preview shows how white text looks on a background with the Hex color E86E17.

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
E86E17

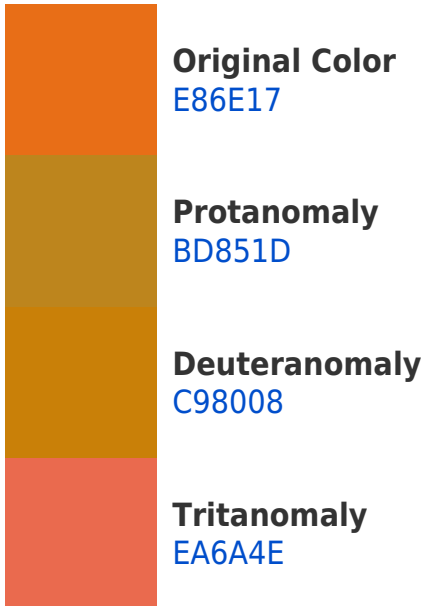
Protanopia
A49221

Deuteranopia
B88A00



Tritanopia
EB676D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E86E17 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 #E86E17 looks like.

```
.text, #text, p{  
    color:#E86E17  
}
```

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 #E86E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86E17
}
```

Border

The CSS property to change the border of an element to Hex E86E17 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
#E86E17 }
```

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

```
.border{ border-color:#E86E17 }
```

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

Here you see how a box with a 4 pixel #E86E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86E17; -webkit-box-shadow:4px 4px  
4px 4px #E86E17; box-shadow:4px 4px 4px  
4px #E86E17 }
```

Background

The CSS property to change the background color of an element to Hex E86E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86E17 }
```

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

```
.background{ background-color:#E86E17 }
```

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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