

Converting Colors

Hex(E57F17)

Have a look what the booklet for
Hex(E57F17) contains.

Hex(E57F17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E57F17)

Conversions

Conversions Part 1

Format	Color
Hex	E57F17
RGB	229, 127, 23
RGB Percent	90%, 50%, 9%
CMY	0.1020, 0.5020, 0.9098
CMYK	0.00, 0.45, 0.90, 0.10
HSL	30°, 82%, 49%
HSV	30°, 90%, 90%
XYZ	40.0571, 31.8986, 4.8564
YIQ	145.6420, 94.1760, -10.7200

Conversions

Conversions Part 2

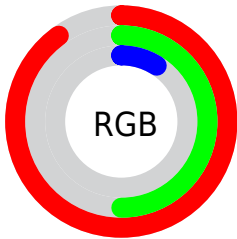
Format	Color
R _Y B	225, 229, 23
Decimal	15040279
CIE Lab	63.26, 33.24, 65.73
CIE LCh	63, 73.653, 63.173
Yxy	31.8986, 0.5215, 0.4153
Android (android.graphics.Color)	4293230359 (0xFFE57F17)
YUV	145.6420, -60.4625, 73.1050
Hunter-Lab	56.4789, 27.7615, 34.4371

Details

The Hex color **E57F17** 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 **177DE5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB551**, and **A74C00** is the 20% darker color. If you saturate the color by 10%, you get **E57400**, and if you desaturate by 10%, it is **E58A2E**.

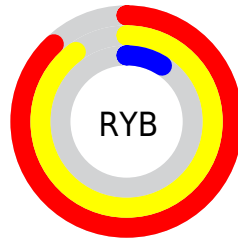
Distribution



Red (90%)

Green (50%)

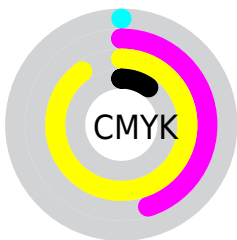
Blue (9%)



Red (88%)

Yellow (90%)

Blue (9%)

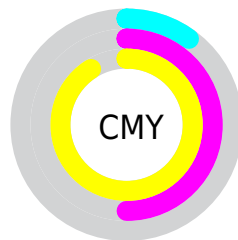


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (10%)



Cyan (10%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E57F17 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 E57F17 by changing the saturation by 10% instead.

 E57F17

 E57F17

FFFFFF

 C66500

 FFB551

 A74C00

 FFD06C

 883400

 FFED87

 6A1C00

 FFFFA2

 4D0100

 FFFFBE

 330000

 FFFFDB

 0B0000

 FFFFF8

 000000

 E57F17

 E57F17

 E57400

 E58A2E

 E59645

 E5A15C

 E5AC73

 E5B88A

 E5C3A0

 E5CEB7

 E5DACE

 E5E5E5

Harmonies

Analogous

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



FF6155



E57F17



B19900

Triad

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



E57F17



00B79E



A084FF

Complementary

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



E57F17



177DE5

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



E57F17



00B6DF

Square

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



E57F17



00B35A



00AFFF



EC64D6

Rectangle

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



E57F17



87A500



00AFFF



778EFF

Sweetspot

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



E57F17



FFDDBA



E5177E



806B57



000000



808080

Same Dimension

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



E57F17



FF8100



E5E517



736D67



B35A00



331A00

Inverse Universe

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



177DE5



007EFF



1717E5



676D73



0058B3



001933

Previews

White Background



This preview shows how the Hex color E57F17 looks on a white background.

Color Contrast Check

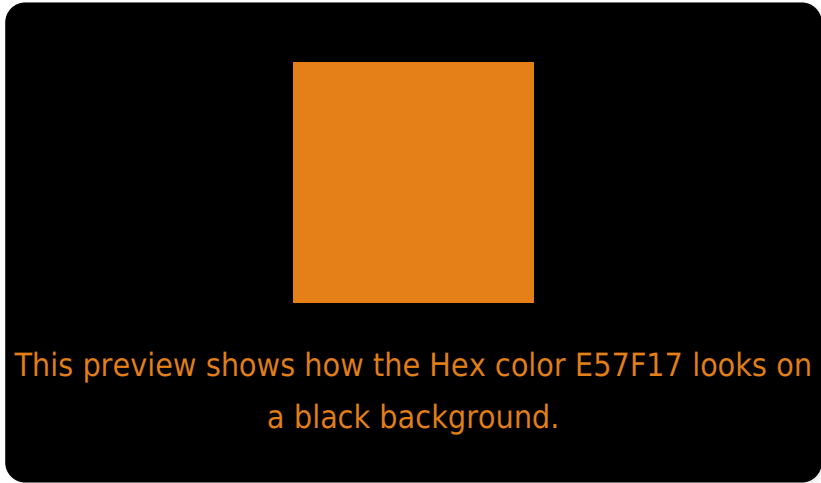
Large Text (above 18pt) WCAG AA × Fail

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 E57F17 Background



This preview shows how black text looks on a background with the Hex color E57F17.



This preview shows how white text looks on a background with the Hex color E57F17.

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
E57F17

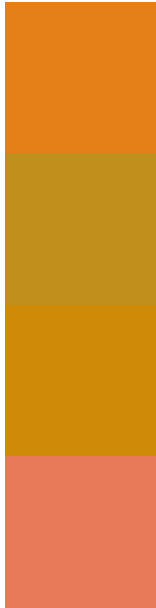
Protanopia
AD9A1F

Deuteranopia
C29200



Tritanopia
E9767F

Trichromacy



Original Color
E57F17

Protanomaly
C1901C

Deuteranomaly
CF8B08

Tritanomaly
E87959

Monochromacy



Original Color
E57F17

Achromatopsia
929292

Achromatomaly
B08B65

CSS Examples

Text

The CSS property to change the color of the text to Hex E57F17 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 #E57F17 looks like.

```
.text, #text, p{  
    color:#E57F17  
}
```

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 #E57F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57F17
}
```

Border

The CSS property to change the border of an element to Hex E57F17 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
#E57F17 }
```

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

```
.border{ border-color:#E57F17 }
```

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

Here you see how a box with a 4 pixel #E57F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57F17; -webkit-box-shadow:4px 4px  
4px 4px #E57F17; box-shadow:4px 4px 4px  
4px #E57F17 }
```

Background

The CSS property to change the background color of an element to Hex E57F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57F17 }
```

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

```
.background{ background-color:#E57F17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor