

Converting Colors

Hex(E67E19)

Have a look what the booklet for
Hex(E67E19) contains.

Hex(E67E19)	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(E67E19)

Conversions

Conversions Part 1

Format	Color
Hex	E67E19
RGB	230, 126, 25
RGB Percent	90%, 49%, 10%
CMY	0.0980, 0.5059, 0.9020
CMYK	0.00, 0.45, 0.89, 0.10
HSL	30°, 80%, 50%
HSV	30°, 89%, 90%
XYZ	40.2694, 31.8149, 4.9382
YIQ	145.5820, 94.4050, -9.3630

Conversions

Conversions Part 2

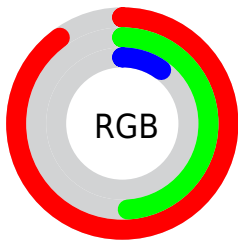
Format	Color
R_{YB}	230, 224, 25
Decimal	15105561
CIE _{Lab}	63.19, 34.20, 65.21
CIE _{LCh}	63, 73.634, 62.325
Yxy	31.8149, 0.5228, 0.4131
Android (android.graphics.Color)	4293295641 (0xFFE67E19)
YUV	145.5820, -59.4469, 74.0346
Hunter-Lab	56.4047, 28.7297, 34.2925

Details

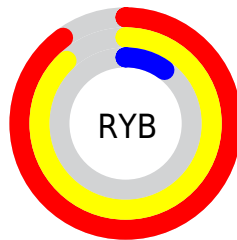
The Hex color **E67E19** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1981E6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB452**, and **A84B00** is the 20% darker color. If you saturate the color by 10%, you get **E67202**, and if you desaturate by 10%, it is **E68A30**.

Distribution



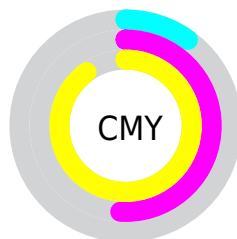
- Red (90%)
- Green (49%)
- Blue (10%)



- Red (90%)
- Yellow (88%)
- Blue (10%)



- Cyan (0%)
- Magenta (45%)
- Yellow (89%)
- Black (10%)



- Cyan (10%)
- Magenta (51%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67E19 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 E67E19 by changing the saturation by 10% instead.

 E67E19

 E67E19

FFFFFF

 C76400

 FFB452

 A84B00

 FFCF6D

 893300

 FFEC88

 6B1A00

 FFFFA3

 4E0000

 FFFFBF

 340000

 FFFFDC

 0C0000

 FFFFF9

 000000

 E67E19

 E67E19

 E67202

 E68A30

 E67100

 E69547

 E6A15E

 E6AD75

 E6B88C

 E6C4A3

 E6D0BA

 E6DBD1

 E6E7E8

Harmonies

Analogous

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



FF6057



E67E19



B39800

Triad

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



E67E19



00B79C



9D85FF

Complementary

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



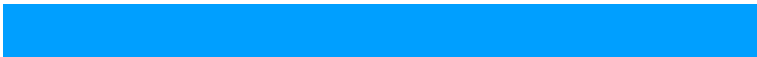
E67E19



1981E6

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



E67E19



00B6DE

Square

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



E67E19



00B258



00AFFF



EB65D7

Rectangle

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



E67E19



88A400



00AFFF



738FFF

Sweetspot

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



E67E19



FFDCBA



E61983



806B57



000000



808080

Same Dimension

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



E67E19



FF7E00



E6E319



736D67



B35800



331900

Inverse Universe

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



1981E6



0081FF



191CE6



676D73



005BB3



001A33

Previews

White Background



This preview shows how the Hex color E67E19 looks on a white background.

Color Contrast Check

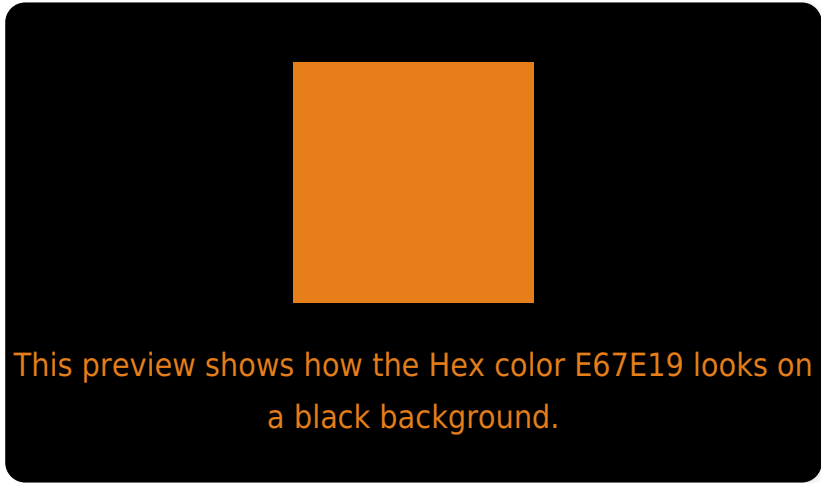
Large Text (above 18pt) WCAG AA × Fail

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 E67E19 Background



This preview shows how black text looks on a background with the Hex color E67E19.



This preview shows how white text looks on a background with the Hex color E67E19.

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

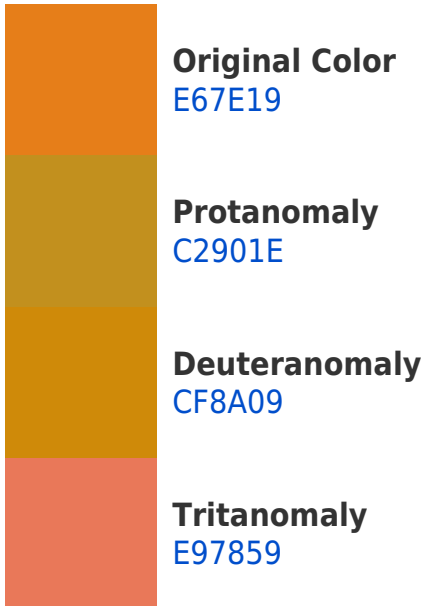


Original Color
E67E19

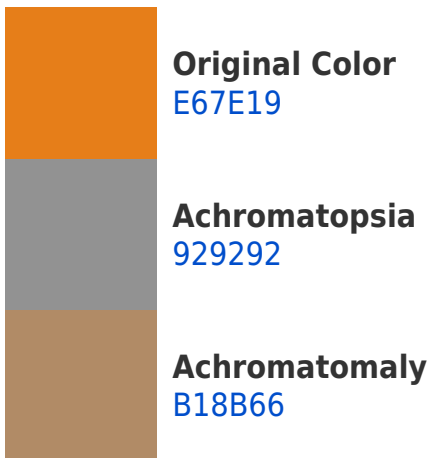
Protanopia
AD9A21

Deuteranopia
C29100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E67E19 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 #E67E19 looks like.

```
.text, #text, p{  
    color:#E67E19  
}
```

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 #E67E19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67E19
}
```

Border

The CSS property to change the border of an element to Hex E67E19 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
#E67E19 }
```

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

```
.border{ border-color:#E67E19 }
```

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

Here you see how a box with a 4 pixel #E67E19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67E19; -webkit-box-shadow:4px 4px  
4px 4px #E67E19; box-shadow:4px 4px 4px  
4px #E67E19 }
```

Background

The CSS property to change the background color of an element to Hex E67E19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67E19 }
```

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

```
.background{ background-color:#E67E19 }
```

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