

# Converting Colors

Hex(E67E30)

Have a look what the booklet for  
Hex(E67E30) contains.

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# **Color**

**Hex(E67E30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E67E30
RGB	230, 126, 48
RGB Percent	90%, 49%, 19%
CMY	0.0980, 0.5059, 0.8118
CMYK	0.00, 0.45, 0.79, 0.10
HSL	26°, 78%, 55%
HSV	26°, 79%, 90%
XYZ	40.6275, 31.9581, 6.8235
YIQ	148.2040, 87.0220, -2.2100

# Conversions

## Conversions Part 2

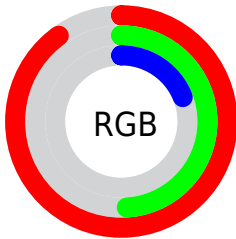
Format	Color
R <sub>Y</sub> B	230, 185, 48
Decimal	15105584
CIE Lab	63.31, 34.80, 57.30
CIE LCh	63, 67.036, 58.729
Yxy	31.9581, 0.5116, 0.4024
Android (android.graphics.Color)	4293295664 (0xFFE67E30)
YUV	148.2040, -49.4006, 71.7351
Hunter-Lab	56.5315, 29.3524, 32.4156

# Details

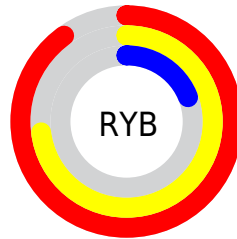
The Hex color **E67E30** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **3098E6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB464**, and **A84B00** is the 20% darker color. If you saturate the color by 10%, you get **E67119**, and if you desaturate by 10%, it is **E68B47**.

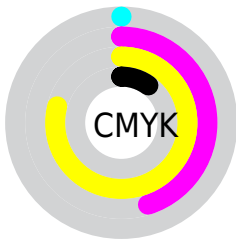
# Distribution



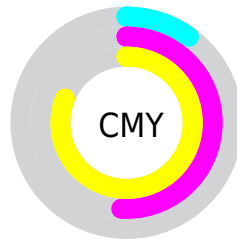
- Red (90%)
- Green (49%)
- Blue (19%)



- Red (90%)
- Yellow (73%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (51%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E67E30 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 E67E30 by changing the saturation by 10% instead.



 E67E30

 E67E30

FFFFFF

 C76414

 FFB464

 A84B00

 FFD07E

 8A3300

 FFEC99

 6C1A00

 FFFFB5

 4F0000

 FFFFD1

 340000

 FFFFED

 0F0000

 000000

 E67E30

 E67E30

 E67119

 E68B47

 E66402

 E6985E

 E66300

 E6A575

 E6B38C

 E6C0A3

 E6CDBA

 E6DAD1

 E6E7E8

 E6F4FF

# Harmonies

## Analogous

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



FF6664



E67E30



B99602

# Triad

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



E67E30



00B595



938AFF

# Complementary

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



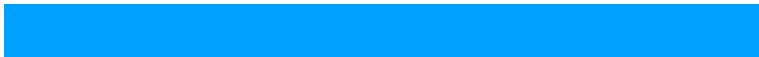
E67E30



3098E6

# 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.



00A1FF



E67E30



00B5D1

# Square

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



E67E30



0EB058



00AFFF



DE6FD8

# Rectangle

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



E67E30



93A210



00AFFF



6B93FF



# Sweetspot

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



E67E30



FFDCC2



E6309A



806A5B



000000



808080



# Same Dimension

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



E67E30



FF750D



E6D730



736C67



B34D00



331600

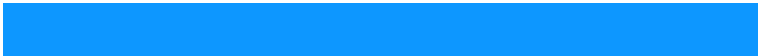


# Inverse Universe

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



3098E6



0D97FF



303FE6



676E73



0066B3



001D33



# Previews

## White Background



This preview shows how the Hex color E67E30 looks on a white background.

## Color Contrast Check

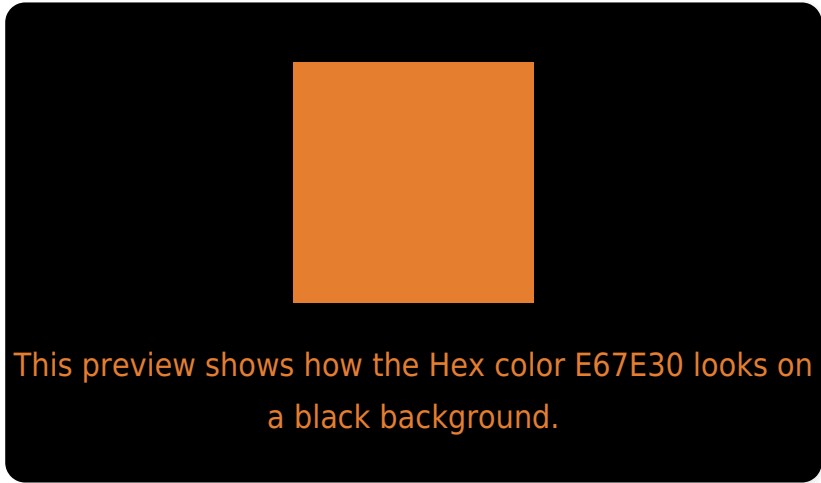
Large Text (above 18pt) WCAG AA × Fail

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 E67E30 Background



This preview shows how black text looks on a background with the Hex color E67E30.

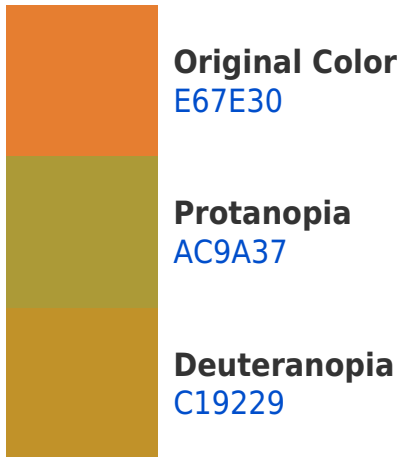



This preview shows how white text looks on a background with the Hex color E67E30.

# 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](#).

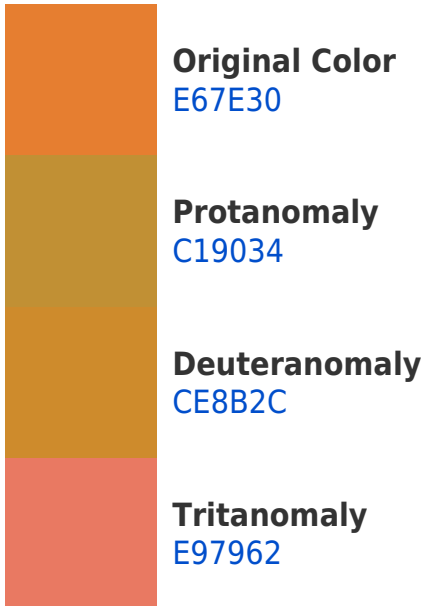
## Dichromacy





**Tritanopia**  
EA767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E67E30 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 #E67E30 looks like.

```
.text, #text, p{  
    color:#E67E30  
}
```

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 #E67E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67E30
}
```

## Border

The CSS property to change the border of an element to Hex E67E30 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
#E67E30 }
```

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

```
.border{ border-color:#E67E30 }
```

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

Here you see how a box with a 4 pixel #E67E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67E30; -webkit-box-shadow:4px 4px  
4px 4px #E67E30; box-shadow:4px 4px 4px  
4px #E67E30 }
```

# Background

The CSS property to change the background color of an element to Hex E67E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67E30 }
```

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

```
.background{ background-color:#E67E30 }
```

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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