

# Converting Colors

Hex(EE851E)

Have a look what the booklet for  
Hex(EE851E) contains.

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# **Color**

**Hex(EE851E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE851E
RGB	238, 133, 30
RGB Percent	93%, 52%, 12%
CMY	0.0667, 0.4784, 0.8824
CMYK	0.00, 0.44, 0.87, 0.07
HSL	30°, 86%, 53%
HSV	30°, 87%, 93%
XYZ	43.8818, 35.0459, 5.6800
YIQ	152.6530, 95.6430, -9.7730

# Conversions

## Conversions Part 2

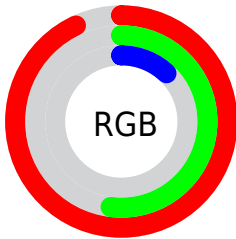
Format	Color
R <sub>Y</sub> B	238, 234, 30
Decimal	15631646
CIE Lab	65.78, 33.92, 66.28
CIE LCh	66, 74.455, 62.895
Yxy	35.0459, 0.5186, 0.4142
Android (android.graphics.Color)	4293821726 (0xFFEE851E)
YUV	152.6530, -60.4679, 74.8493
Hunter-Lab	59.1996, 28.7140, 35.7510

# Details

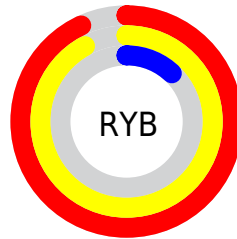
The Hex color **EE51E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1E87EE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBB57**, and **AF5200** is the 20% darker color. If you saturate the color by 10%, you get **EE7906**, and if you desaturate by 10%, it is **EE9136**.

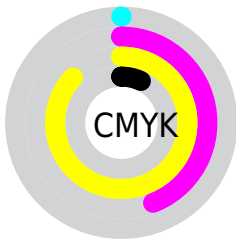
# Distribution



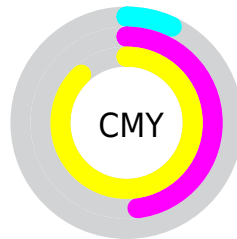
- Red (93%)
- Green (52%)
- Blue (12%)



- Red (93%)
- Yellow (92%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (87%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE851E 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 EE851E by changing the saturation by 10% instead.



 EE851E

 EE851E

FFFFFF

 CE6B00

 FFBB57

 AF5200

 FFD771

 913A00

 FFF48D

 722100

 FFFFA8

 550600

 FFFFC4

 3A0000

 FFFFE1

 1D0001

 000000

 EE851E

 EE851E

■ EE7906

■ EE9136

■ EE7600

■ EE9D4E

■ EEA965

■ EEB57D

■ EEC195

■ EECDAD

■ EED9C5

■ EEE5DC

■ EEF1F4

# Harmonies

## Analogous

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



FF675B



EE851E



B99F00

# Triad

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



EE851E



00BEA5



A78BFF

# Complementary

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



EE851E



1E87EE

# 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.



00A6FF



EE851E



00BDE7

# Square

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



EE851E



00BA5F



00B6FF



F46BDE

# Rectangle

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



EE851E



8EAC00



00B6FF



7D95FF



# Sweetspot

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



EE851E



FFDEBD



EE1E89



806C58



000000



808080



# Same Dimension

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



EE851E



FF7E00



EEEE1E



78726C



B85B00



381C00



# Inverse Universe

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



1E87EE



0081FF



1E21EE



6C7278



005DB8



001C38



# Previews

## White Background



This preview shows how the Hex color EE851E looks on a white background.

## Color Contrast Check

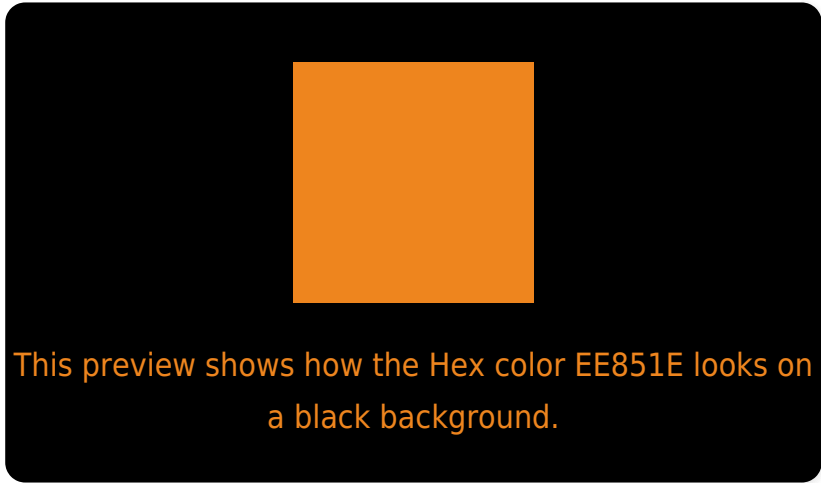
Large Text (above 18pt) WCAG AA × Fail

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 EE851E Background



This preview shows how black text looks on a background with the Hex color EE851E.



This preview shows how white text looks on a background with the Hex color EE851E.

# 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**  
EE851E

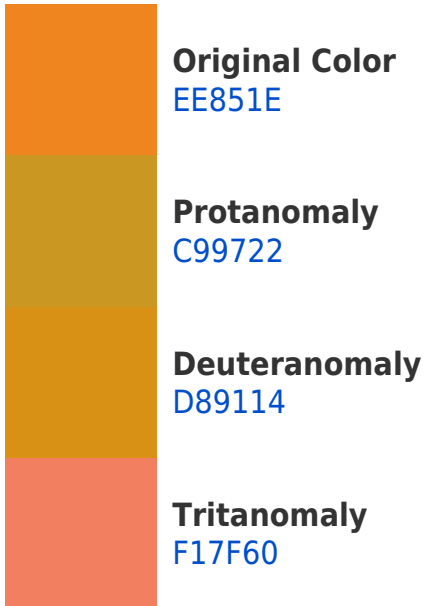
**Protanopia**  
B4A125

**Deuteranopia**  
CB980E



**Tritanopia**  
F27C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE851E 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 #EE851E looks like.

```
.text, #text, p{  
    color:#EE851E  
}
```

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 #EE851E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE851E
}
```

## Border

The CSS property to change the border of an element to Hex EE851E 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
#EE851E }
```

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

```
.border{ border-color:#EE851E }
```

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

Here you see how a box with a 4 pixel #EE851E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE851E; -webkit-box-shadow:4px 4px  
4px 4px #EE851E; box-shadow:4px 4px 4px  
4px #EE851E }
```

# Background

The CSS property to change the background color of an element to Hex EE851E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE851E }
```

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

```
.background{ background-color:#EE851E }
```

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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