

# Converting Colors

Hex(ED8F12)

Have a look what the booklet for  
Hex(ED8F12) contains.

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**Color**

**Hex(ED8F12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8F12
RGB	237, 143, 18
RGB Percent	93%, 56%, 7%
CMY	0.0706, 0.4392, 0.9294
CMYK	0.00, 0.40, 0.92, 0.07
HSL	34°, 86%, 50%
HSV	34°, 92%, 93%
XYZ	44.8567, 37.6931, 5.4836
YIQ	156.8560, 96.1490, -18.9470

# Conversions

## Conversions Part 2

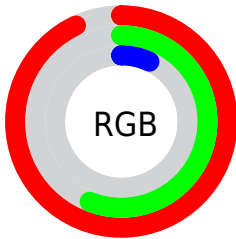
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 237, 18
Decimal	15568658
CIE <sub>Lab</sub>	67.79, 28.10, 70.61
CIE <sub>LCh</sub>	68, 76.001, 68.298
Yxy	37.6931, 0.5095, 0.4282
Android (android.graphics.Color)	4293758738 (0xFFED8F12)
YUV	156.8560, -68.4560, 70.2863
Hunter-Lab	61.3947, 22.9763, 37.6807

# Details

The Hex color **ED8F12** 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 **1270ED**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC551**, and **AF5C00** is the 20% darker color. If you saturate the color by 10%, you get **ED8700**, and if you desaturate by 10%, it is **ED992A**.

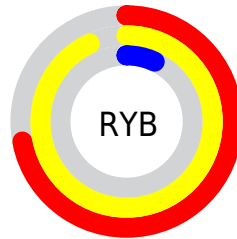
# Distribution



Red (93%)

Green (56%)

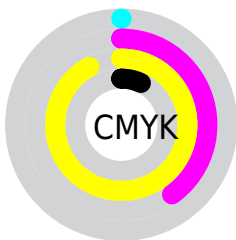
Blue (7%)



Red (72%)

Yellow (93%)

Blue (7%)

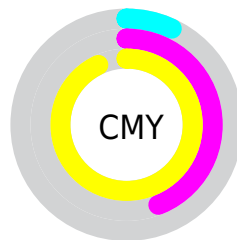


Cyan (0%)

Magenta (40%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (44%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8F12 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 ED8F12 by changing the saturation by 10% instead.



 ED8F12

 ED8F12

FFFFFF

 CE7500

 FFC551

 AF5C00

 FFE16C

 904400

 FFFE88

 722D00

 FFFFA4

 551500

 FFFFC0

 3A0000

 FFFFDD

 200001

 FFFFFA

 000000

 ED8F12

 ED8F12

ED8700

ED992A

EDA341

EDAE59

EDB871

EDC288

EDCCA0

EDD6B8

EDE0D0

EDEBE7

# Harmonies

## Analogous

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



FF7053



ED8F12



B4A800

# Triad

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



ED8F12



00C5B7



BF8AFF

# Complementary

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



ED8F12



1270ED

# 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.



00A7FF



ED8F12



00C3F9

# Square

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



ED8F12



00C16F



00BAFF



FF6AD9

# Rectangle

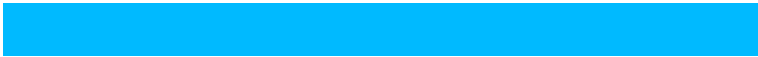
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED8F12



85B40F



00BAFF



9A95FF



# Sweetspot

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



ED8F12



FFE0B8



ED1271



806D54



000000



808080



# Same Dimension

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



ED8F12



FF9200



DEED12



75706A



B56700



361F00



# Inverse Universe

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



1270ED



006DFF



2112ED



6A6F75



004EB5



001736



# Previews

## White Background



This preview shows how the Hex color ED8F12 looks on a white background.

## Color Contrast Check

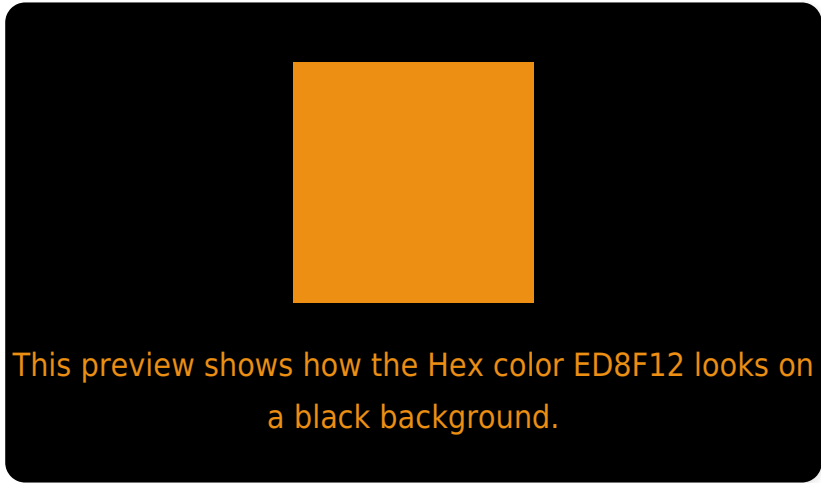
Large Text (above 18pt) WCAG AA × Fail

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 ED8F12 Background



This preview shows how black text looks on a background with the Hex color ED8F12.

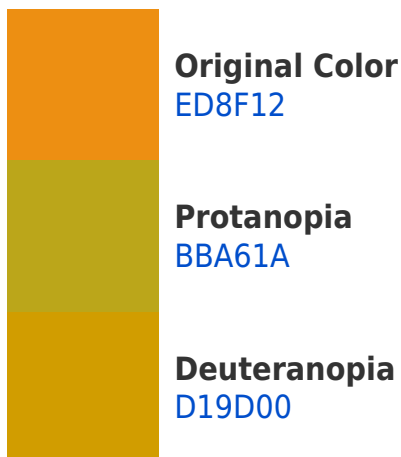



This preview shows how white text looks on a background with the Hex color ED8F12.

# 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](#).

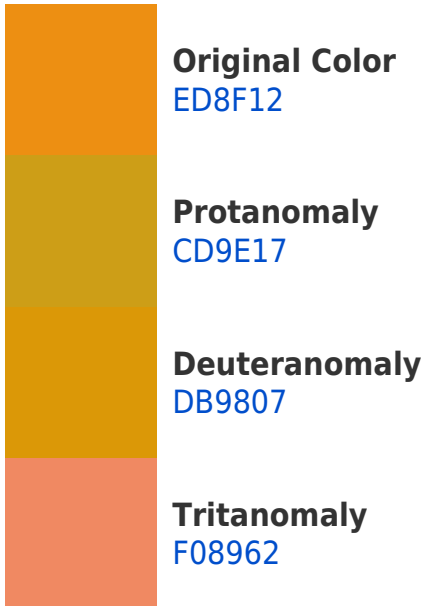
## Dichromacy





**Tritanopia**  
F2858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8F12 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 #ED8F12 looks like.

```
.text, #text, p{  
    color:#ED8F12  
}
```

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 #ED8F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8F12
}
```

## Border

The CSS property to change the border of an element to Hex ED8F12 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
#ED8F12 }
```

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

```
.border{ border-color:#ED8F12 }
```

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

Here you see how a box with a 4 pixel #ED8F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8F12; -webkit-box-shadow:4px 4px  
4px 4px #ED8F12; box-shadow:4px 4px 4px  
4px #ED8F12 }
```

# Background

The CSS property to change the background color of an element to Hex ED8F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8F12 }
```

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

```
.background{ background-color:#ED8F12 }
```

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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