

# Converting Colors

Hex(EDA012)

Have a look what the booklet for  
Hex(EDA012) contains.

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**Color**

**Hex(EDA012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDA012
RGB	237, 160, 18
RGB Percent	93%, 63%, 7%
CMY	0.0706, 0.3725, 0.9294
CMYK	0.00, 0.32, 0.92, 0.07
HSL	39°, 86%, 50%
HSV	39°, 92%, 93%
XYZ	47.6050, 43.1898, 6.3997
YIQ	166.8350, 91.4740, -27.8380

# Conversions

## Conversions Part 2

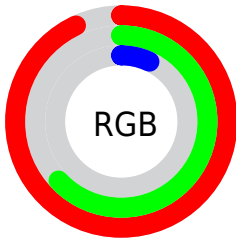
Format	Color
<a href="#">RYB</a>	<a href="#">137, 237, 18</a>
Decimal	<a href="#">15573010</a>
CIELab	<a href="#">71.68, 19.13, 73.42</a>
CIELCh	<a href="#">72, 75.869, 75.395</a>
Yxy	<a href="#">43.1898, 0.4898, 0.4444</a>
Android (android.graphics.Color)	<a href="#">4293763090 (0xFFEDA012)</a>
YUV	<a href="#">166.8350, -73.3757, 61.5347</a>
Hunter-Lab	<a href="#">65.7190, 14.2924, 40.2296</a>

# Details

The Hex color **EDA012** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **125FED**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD754**, and **AF6D00** is the 20% darker color. If you saturate the color by 10%, you get **ED9A00**, and if you desaturate by 10%, it is **EDA82A**.

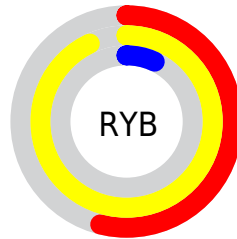
# Distribution



Red (93%)

Green (63%)

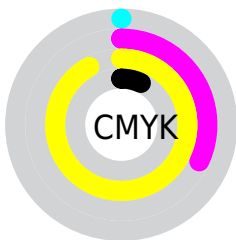
Blue (7%)



Red (54%)

Yellow (93%)

Blue (7%)

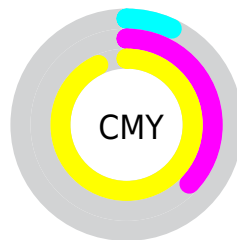


Cyan (0%)

Magenta (32%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (37%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDA012 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 EDA012 by changing the saturation by 10% instead.



 EDA012

 EDA012

FFFFFF

 CE8600

 FFD754

 AF6D00

 FFF370

 915400

 FFFF8C

 733D00

 FFFFA8

 572700

 FFFFC4

 3C1200

 FFFFE1

 240000

 000000

 EDA012

 EDA012

■ ED9A00

■ EDA82A

■ EDB141

■ EDB959

■ EDC171

■ EDCA88

■ EDD2A0

■ EDDAB8

■ EDE3D0

■ EDEBE7

# Harmonies

## Analogous

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



FF824F



EDA012



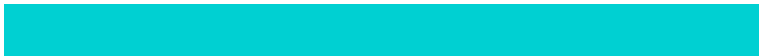
B0B700

# Triad

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



EDA012



00D0D2



E08DFF

# Complementary

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



EDA012



125FED

# 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.



63ABFF



EDA012



00CCFF

# Square

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



EDA012



00CE8A



00C1FF



FF70D4

# Rectangle

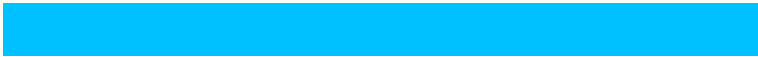
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDA012



7DC231



00C1FF



C197FF



# Sweetspot

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



EDA012



FFE6B8



ED1262



807054



000000



808080



# Same Dimension

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



EDA012



FFA500



D0ED12



75716A



B57500



362300



# Inverse Universe

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



125FED



005AFF



2F12ED



6A6E75



0040B5



001336



# Previews

## White Background



This preview shows how the Hex color EDA012 looks on a white background.

## Color Contrast Check

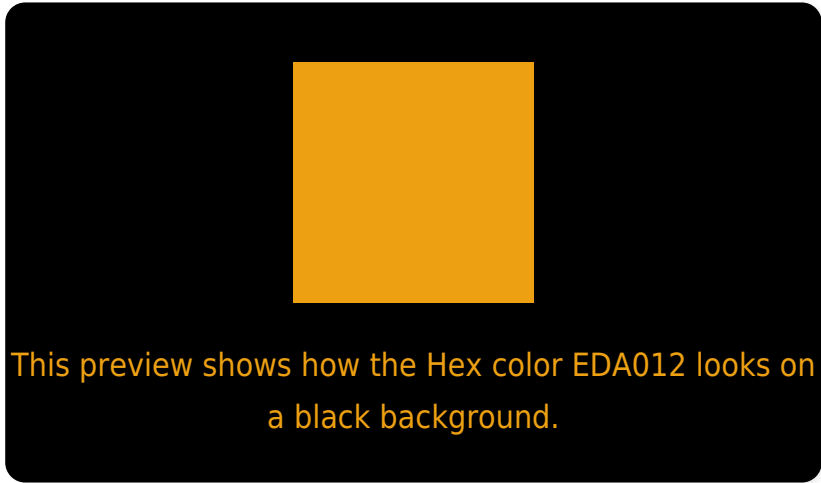
Large Text (above 18pt) WCAG AA × Fail

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 EDA012 Background



This preview shows how black text looks on a background with the Hex color EDA012.



This preview shows how white text looks on a background with the Hex color EDA012.

# 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**  
EDA012

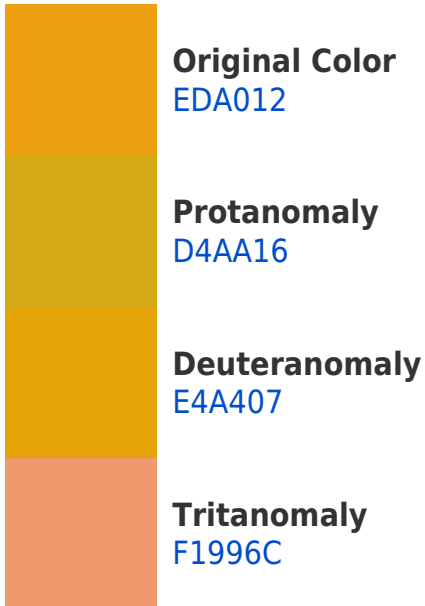
**Protanopia**  
C6B018

**Deuteranopia**  
DFA700

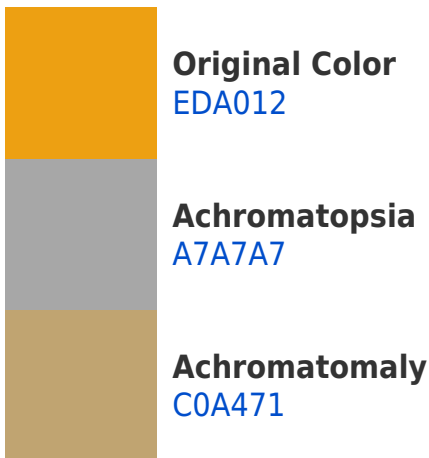


**Tritanopia**  
F495A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDA012 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 #EDA012 looks like.

```
.text, #text, p{  
    color:#EDA012  
}
```

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 #EDA012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDA012
}
```

## Border

The CSS property to change the border of an element to Hex EDA012 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
#EDA012 }
```

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

```
.border{ border-color:#EDA012 }
```

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

Here you see how a box with a 4 pixel #EDA012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDA012; -webkit-box-shadow:4px 4px  
4px 4px #EDA012; box-shadow:4px 4px 4px  
4px #EDA012 }
```

# Background

The CSS property to change the background color of an element to Hex EDA012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDA012 }
```

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

```
.background{ background-color:#EDA012 }
```

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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