

# Converting Colors

Hex(EDAB38)

Have a look what the booklet for  
Hex(EDAB38) contains.

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# **Color**

**Hex(EDAB38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDAB38
RGB	237, 171, 56
RGB Percent	93%, 67%, 22%
CMY	0.0706, 0.3294, 0.7804
CMYK	0.00, 0.28, 0.76, 0.07
HSL	38°, 83%, 57%
HSV	38°, 76%, 93%
XYZ	50.2018, 47.4159, 10.2476
YIQ	177.6240, 76.2510, -21.7730

# Conversions

## Conversions Part 2

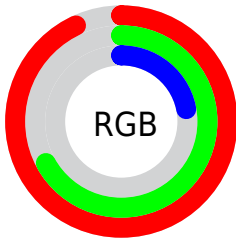
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 237, 56
Decimal	15575864
CIELab	74.45, 14.28, 64.98
CIELCh	74, 66.533, 77.608
Yxy	47.4159, 0.4654, 0.4396
Android (android.graphics.Color)	4293765944 (0xFFEDAB38)
YUV	177.6240, -59.9606, 52.0728
Hunter-Lab	68.8592, 9.6318, 39.3779

# Details

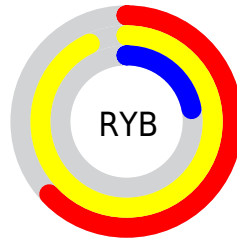
The Hex color **EDAB38** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **387AED**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE26F**, and **B07700** is the 20% darker color. If you saturate the color by 10%, you get **EDA220**, and if you desaturate by 10%, it is **EDB450**.

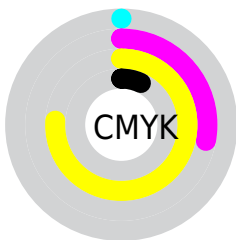
# Distribution



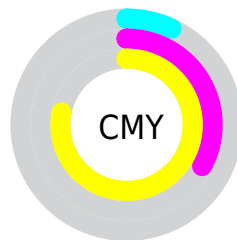
- Red (93%)
- Green (67%)
- Blue (22%)



- Red (63%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (28%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDAB38 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 EDAB38 by changing the saturation by 10% instead.



 EDAB38

 EDAB38

FFFFFF

 CE9119

 FFE26F

 B07700

 FFFF8A

 935E00

 FFFFA6

 764700

 FFFF02

 593000

 FFFFDF

 3E1B00

FFFFFFC

 250400

 000000

 EDAB38

 EDAB38

EDA220

EDB450

ED9A09

EDBC67

ED9700

EDC57F

EDCE97

EDD6AE

EDDFC6

EDE7DE

EDF0F6

EDF9FF

# Harmonies

## Analogous

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



FF935F



EDAB38



B5BF37

# Triad

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



EDAB38



00D5DA



E898FF

# Complementary

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



EDAB38



387AED

# 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.



8AB1FF



EDAB38



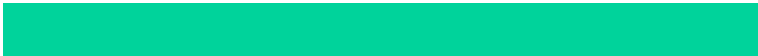
00D1FF

# Square

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



EDAB38



00D39B



00C5FF



FF82D3

# Rectangle

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



EDAB38



88C950



00C5FF



CEA0FF



# Sweetspot

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



EDAB38



FFEAC4



ED387A



80725C



000000



808080



# Same Dimension

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



EDAB38



FFA914



D5ED38



75716A



B57300



362200



# Inverse Universe

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



387AED



146AFF



5038ED



6A6E75



0042B5



001436



# Previews

## White Background



This preview shows how the Hex color EDAB38 looks on a white background.

## Color Contrast Check

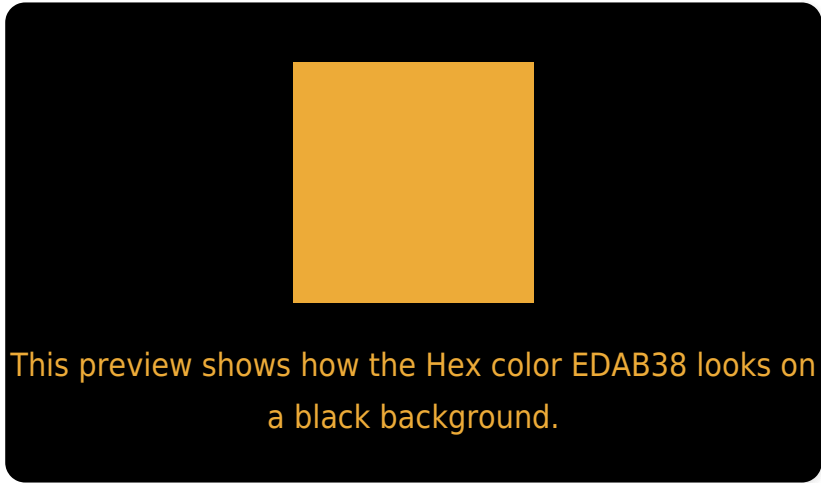
Large Text (above 18pt) WCAG AA × Fail

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 EDAB38 Background



This preview shows how black text looks on a background with the Hex color EDAB38.

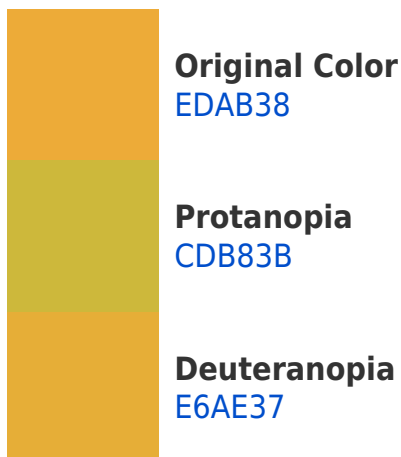


This preview shows how white text looks on a background with the Hex color EDAB38.

# 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](#).

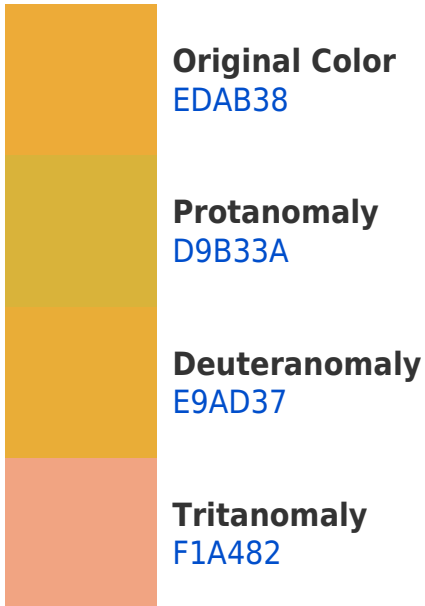
## Dichromacy



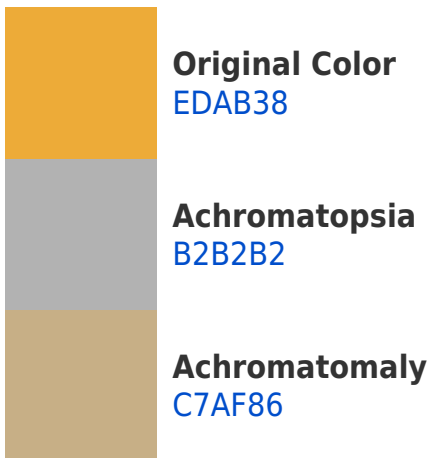


**Tritanopia**  
F4A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDAB38 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 #EDAB38 looks like.

```
.text, #text, p{  
    color:#EDAB38  
}
```

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 #EDAB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDAB38  
}
```

## Border

The CSS property to change the border of an element to Hex EDAB38 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  
#EDAB38 }
```

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

```
.border{ border-color:#EDAB38 }
```

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

Here you see how a box with a 4 pixel #EDAB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDAB38; -webkit-box-shadow:4px 4px  
4px 4px #EDAB38; box-shadow:4px 4px 4px  
4px #EDAB38 }
```

# Background

The CSS property to change the background color of an element to Hex EDAB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDAB38 }
```

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

```
.background{ background-color:#EDAB38 }
```

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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