

# Converting Colors

Hex(EDBB26)

Have a look what the booklet for  
Hex(EDBB26) contains.

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# **Color**

**Hex(EDBB26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDBB26
RGB	237, 187, 38
RGB Percent	93%, 73%, 15%
CMY	0.0706, 0.2667, 0.8510
CMYK	0.00, 0.21, 0.84, 0.07
HSL	45°, 85%, 54%
HSV	45°, 84%, 93%
XYZ	53.0452, 53.6851, 9.4002
YIQ	184.9640, 77.6290, -35.7390

# Conversions

## Conversions Part 2

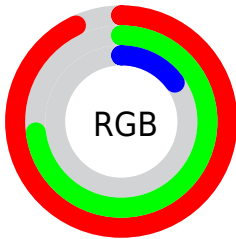
Format	Color
<a href="#">RYB</a>	<a href="#">105, 237, 38</a>
Decimal	<a href="#">15579942</a>
CIELab	<a href="#">78.28, 5.29, 74.15</a>
CIELCh	<a href="#">78, 74.342, 85.919</a>
Yxy	<a href="#">53.6851, 0.4568, 0.4623</a>
Android (android.graphics.Color)	<a href="#">4293770022</a> ( <a href="#">0xFFEDBB26</a> )
YUV	<a href="#">184.9640, -72.4533, 45.6356</a>
Hunter-Lab	<a href="#">73.2701, 1.0056, 43.6825</a>

# Details

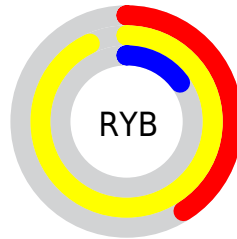
The Hex color **EDBB26** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2658ED**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF363**, and **B08600** is the 20% darker color. If you saturate the color by 10%, you get **EDB50E**, and if you desaturate by 10%, it is **EDC13E**.

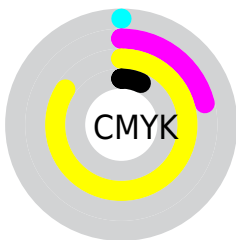
# Distribution



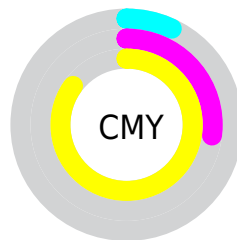
- Red (93%)
- Green (73%)
- Blue (15%)



- Red (41%)
- Yellow (93%)
- Blue (15%)



- Cyan (0%)
- Magenta (21%)
- Yellow (84%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDBB26 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 EDBB26 by changing the saturation by 10% instead.



 EDBB26

 EDBB26

FFFFFF

 CEA000

 FFF363

 B08600

 FFFF7F

 936D00

 FFFF9B

 765500

 FFFFB8

 593E00

 FFFFD5

 3E2900

 FFFFF2

 251500

 000000

 EDBB26

 EDBB26

■ EDB50E

■ EDC13E

■ EDB100

■ EDC755

■ EDCD6D

■ EDD385

■ EDD99C

■ EDDFB4

■ EDE5CC

■ EDEBE4

■ EDF1FB

# Harmonies

## Analogous

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



FFA04E



EDBB26



AACF37

# Triad

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



EDBB26



00E2FC



FF95FF

# Complementary

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



EDBB26



2658ED

# 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.



B1B3FF



EDBB26



00DCFF

# Square

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



EDBB26



00E2B6



00CCFF



FF80CE

# Rectangle

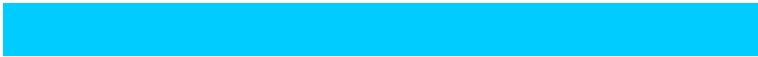
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDBB26



71D95B



00CCFF



F49FFF



# Sweetspot

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



EDBB26



FFEFBF



ED265B



807659



000000



808080



# Same Dimension

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



EDBB26



FFBF00



BFED26



75726A



B58800



362800



# Inverse Universe

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



2658ED



0040FF



5426ED



6A6D75



002DB5



000D36



# Previews

## White Background



This preview shows how the Hex color EDBB26 looks on a white background.

## Color Contrast Check

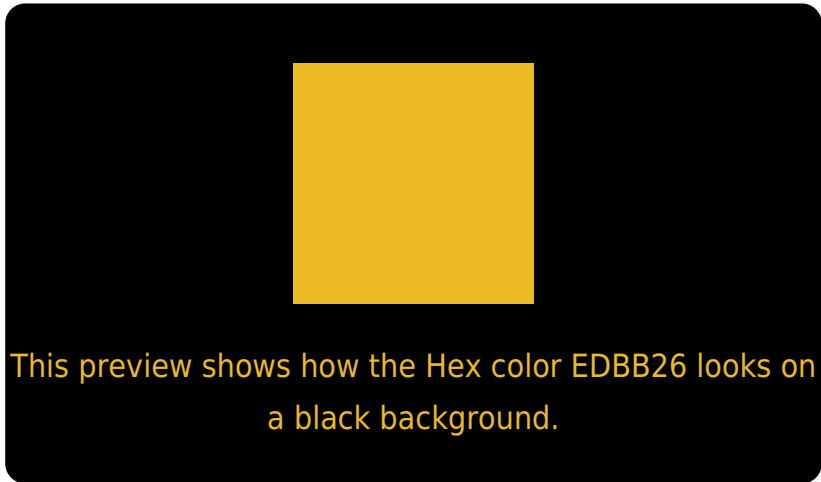
Large Text (above 18pt) WCAG AA × Fail

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 EDBB26 Background



This preview shows how black text looks on a background with the Hex color EDBB26.



This preview shows how white text looks on a background with the Hex color EDBB26.

# 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**  
EDBB26

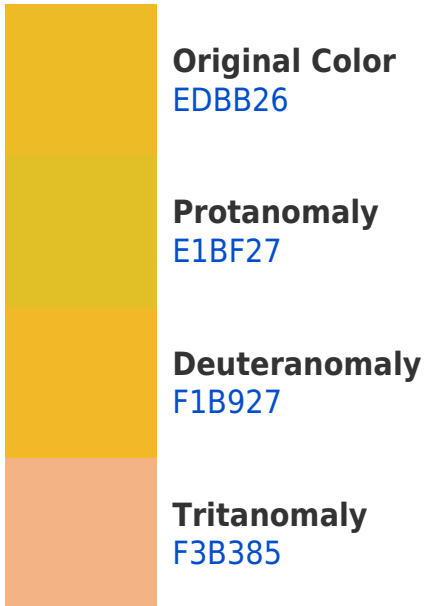
**Protanopia**  
DAC228

**Deuteranopia**  
F4B828

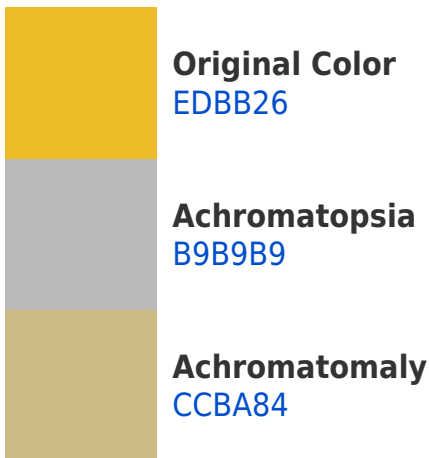


**Tritanopia**  
F6AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDBB26 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 #EDBB26 looks like.

```
.text, #text, p{  
  color:#EDBB26  
}
```

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 #EDBB26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDBB26
}
```

## Border

The CSS property to change the border of an element to Hex EDBB26 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
#EDBB26 }
```

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

```
.border{ border-color:#EDBB26 }
```

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

Here you see how a box with a 4 pixel #EDBB26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDBB26; -webkit-box-shadow:4px 4px  
4px 4px #EDBB26; box-shadow:4px 4px 4px  
4px #EDBB26 }
```

# Background

The CSS property to change the background color of an element to Hex EDBB26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDBB26 }
```

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

```
.background{ background-color:#EDBB26 }
```

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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