

# Converting Colors

Hex(EDBD45)

Have a look what the booklet for  
Hex(EDBD45) contains.

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# **Color**

**Hex(EDBD45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDBD45
RGB	237, 189, 69
RGB Percent	93%, 74%, 27%
CMY	0.0706, 0.2588, 0.7294
CMYK	0.00, 0.20, 0.71, 0.07
HSL	43°, 82%, 60%
HSV	43°, 71%, 93%
XYZ	54.1968, 54.8294, 13.3569
YIQ	189.6720, 67.1280, -27.1440

# Conversions

## Conversions Part 2

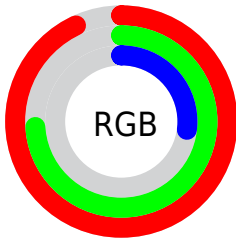
Format	Color
<a href="#">RYB</a>	<a href="#">136, 237, 69</a>
Decimal	<a href="#">15580485</a>
CIELab	<a href="#">78.94, 5.38, 64.32</a>
CIELCh	<a href="#">79, 64.544, 85.217</a>
Yxy	<a href="#">54.8294, 0.4428, 0.4480</a>
Android (android.graphics.Color)	<a href="#">4293770565</a> ( <a href="#">0xFFEDBD45</a> )
YUV	<a href="#">189.6720, -59.4913, 41.5067</a>
Hunter-Lab	<a href="#">74.0469, 1.0668, 41.1378</a>

# Details

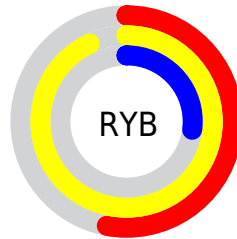
The Hex color **EDBD45** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4575ED**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF57B**, and **B18800** is the 20% darker color. If you saturate the color by 10%, you get **EDB62D**, and if you desaturate by 10%, it is **EDC45D**.

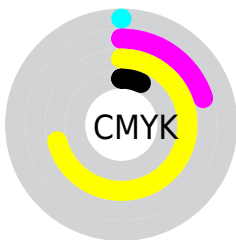
# Distribution



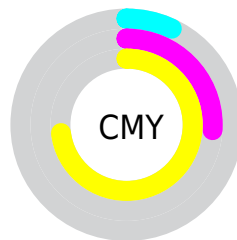
- Red (93%)
- Green (74%)
- Blue (27%)



- Red (53%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDBD45 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 EDBD45 by changing the saturation by 10% instead.



 EDBD45

 EDBD45

FFFFFF

 CFA228

 FFF57B

 B18800

 FFFF97

 946F00

 FFFFB3

 775700

 FFFF00

 5B4000

 FFFFED

 402A00

 271600

 020000

 000000

 EDBD45

 EDBD45

 EDB62D

 EDC45D

 EDAF16

 EDCB74

 EDA900

 EDD18C

 EDD8A4

 EDDFBB

 EDE6D3

 EDECEB

 EDF3FF

 EDFAFF

# Harmonies

## Analogous

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



FFA661



EDBD45



B3CF50

# Triad

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



E8BD45



00E1F5



FF9FFF

# Complementary

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



EDBD45



4575ED

# 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.



B6B8FF



EDBD45



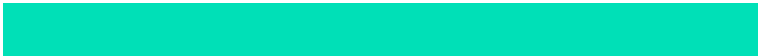
00DBFF

# Square

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



EDBD45



00E0B7



00CDFE



FF8FD0

# Rectangle

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



EDBD45



83D86B



00CDFF



EEA7FF



# Sweetspot

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



EDBD45



FFF0C9



ED4577



807660



000000



808080



# Same Dimension

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



EDBD45



FFC126



CBED45



75726A



B58100



362600



# Inverse Universe

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



4575ED



2664FF



6745ED



6A6D75



0034B5



000F36



# Previews

## White Background



This preview shows how the Hex color EDBD45 looks on a white background.

## Color Contrast Check

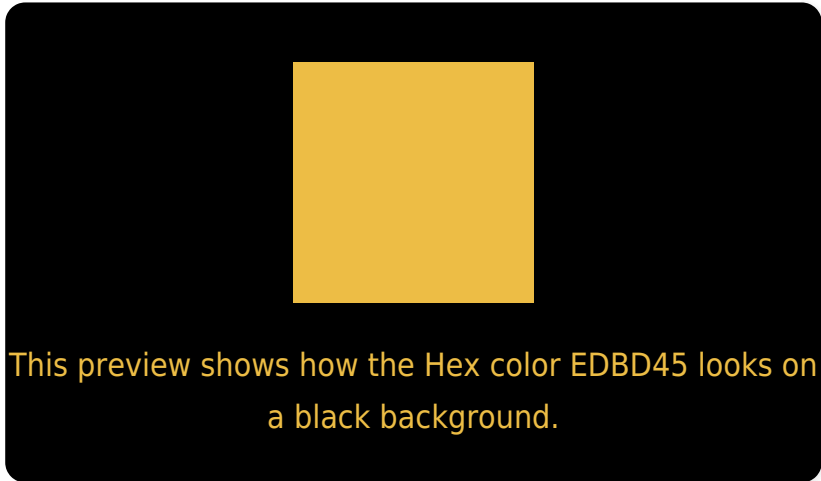
Large Text (above 18pt) WCAG AA × Fail

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 EDBD45 Background



This preview shows how black text looks on a background with the Hex color EDBD45.

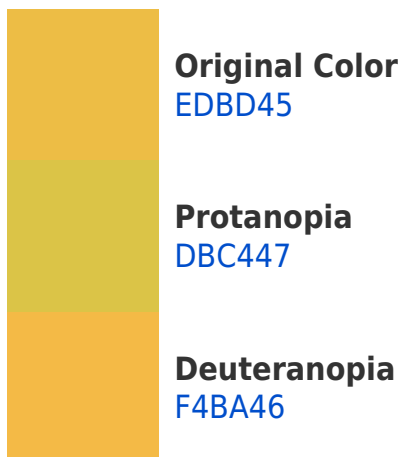


This preview shows how white text looks on a background with the Hex color EDBD45.

# 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](#).

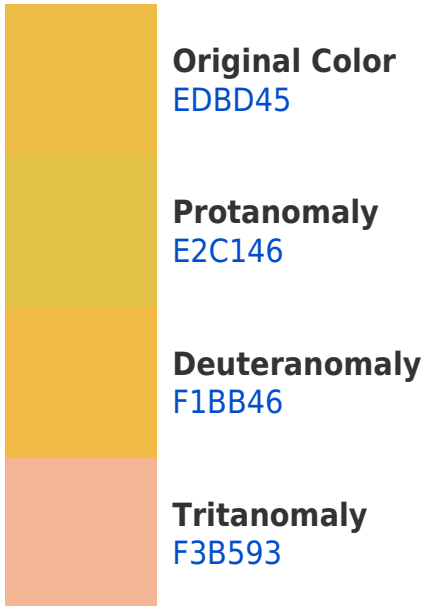
## Dichromacy





**Tritanopia**  
F6B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDBD45 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 #EDBD45 looks like.

```
.text, #text, p{  
    color:#EDBD45  
}
```

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 #E8BD45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8BD45
}
```

## Border

The CSS property to change the border of an element to Hex E8BD45 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
#E8BD45 }
```

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

```
.border{ border-color:#EDBD45 }
```

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

Here you see how a box with a 4 pixel #EDBD45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDBD45; -webkit-box-shadow:4px 4px  
4px 4px #EDBD45; box-shadow:4px 4px 4px  
4px #EDBD45 }
```

# Background

The CSS property to change the background color of an element to Hex EDBD45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDBD45 }
```

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

```
.background{ background-color:#EDBD45 }
```

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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