

# Converting Colors

Hex(EDC74B)

Have a look what the booklet for  
Hex(EDC74B) contains.

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# **Color**

**Hex(EDC74B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC74B
RGB	237, 199, 75
RGB Percent	93%, 78%, 29%
CMY	0.0706, 0.2196, 0.7059
CMYK	0.00, 0.16, 0.68, 0.07
HSL	46°, 82%, 61%
HSV	46°, 68%, 93%
XYZ	56.6185, 59.3594, 15.1300
YIQ	196.2260, 62.4520, -30.5080

# Conversions

## Conversions Part 2

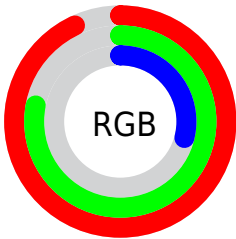
Format	Color
<a href="#">RYB</a>	<a href="#">125, 237, 75</a>
Decimal	<a href="#">15583051</a>
CIELab	<a href="#">81.49, 0.49, 64.49</a>
CIELCh	<a href="#">81, 64.495, 89.561</a>
Yxy	<a href="#">59.3594, 0.4318, 0.4528</a>
Android (android.graphics.Color)	<a href="#">4293773131</a> ( <a href="#">0xFFEDC74B</a> )
YUV	<a href="#">196.2260, -59.7644, 35.7588</a>
Hunter-Lab	<a href="#">77.0450, -3.6536, 42.2882</a>

# Details

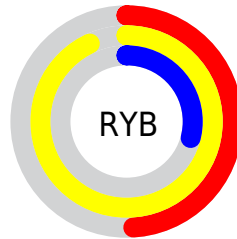
The Hex color **EDC74B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **4B71ED**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF82**, and **B19108** is the 20% darker color. If you saturate the color by 10%, you get **EDC133**, and if you desaturate by 10%, it is **EDCD63**.

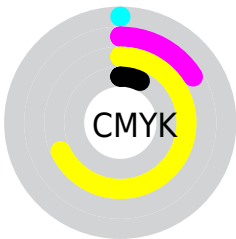
# Distribution



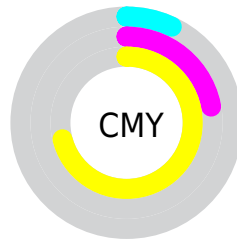
- Red (93%)
- Green (78%)
- Blue (29%)



- Red (49%)
- Yellow (93%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (68%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDC74B 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 EDC74B by changing the saturation by 10% instead.



 EDC74B

 EDC74B

FFFFFF

 CFAC2F

 FFFF82

 B19108

 FFFF9D

 947800

 FFFFB9

 786000

 FFFFDD

 5C4800

 FFFFF3

 413200

 281D00

 0A0500

 000000

 EDC74B

 EDC74B

 EDC133

 EDCD63

 EDBC1C

 EDD27A

 EDB604

 EDD892

 EDB500

 EDDDAA

 EDE3C2

 EDE8D9

 EDEEF1

 EDF3FF

 EDF9FF

# Harmonies

## Analogous

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



FFB162



EDC74B



B0D85B

# Triad

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



EDC74B



00E7FF



FFA3FF

# Complementary

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



EDC74B



4B71ED

# 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.



CBBBFF



EDC74B



00E0FF

# Square

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



EDC74B



00E8C8



43D1FF



FF95CE

# Rectangle

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



EDC74B



7FE079



43D1FF



FFAAFF



# Sweetspot

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



EDC74B



FFF2C9



ED4B74



807860



000000



808080



# Same Dimension

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



EDC74B



FFCE2E



C4ED4B



75736A



B58B00



362900



# Inverse Universe

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



4B71ED



2E5FFF



744BED



6A6C75



002AB5



000D36



# Previews

## White Background



This preview shows how the Hex color EDC74B looks on a white background.

## Color Contrast Check

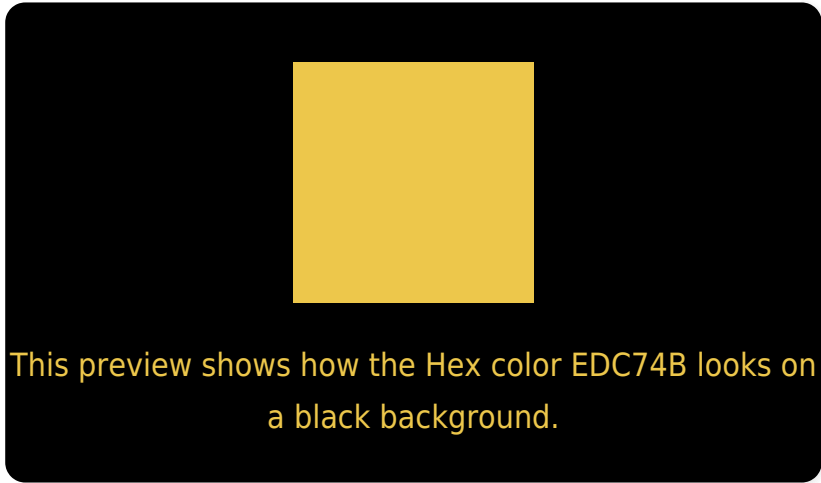
Large Text (above 18pt) WCAG AA × Fail

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 EDC74B Background



This preview shows how black text looks on a background with the Hex color EDC74B.



This preview shows how white text looks on a background with the Hex color EDC74B.

# 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**  
EDC74B

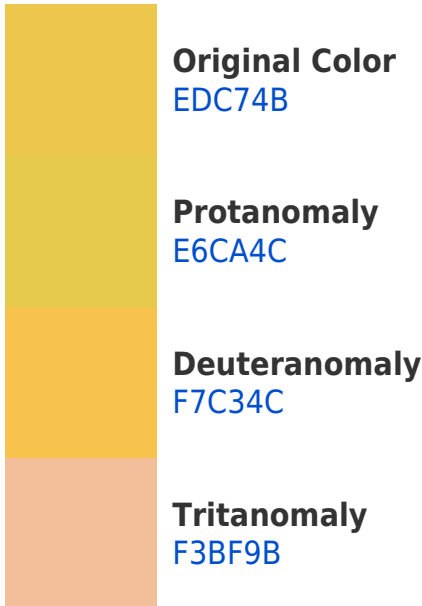
**Protanopia**  
E2CB4C

**Deuteranopia**  
FCC14D



**Tritanopia**  
F7BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDC74B 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 #EDC74B looks like.

```
.text, #text, p{  
    color:#EDC74B  
}
```

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 #EDC74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDC74B
}
```

## Border

The CSS property to change the border of an element to Hex EDC74B 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
#EDC74B }
```

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

```
.border{ border-color:#EDC74B }
```

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

Here you see how a box with a 4 pixel #EDC74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDC74B; -webkit-box-shadow:4px 4px  
4px 4px #EDC74B; box-shadow:4px 4px 4px  
4px #EDC74B }
```

# Background

The CSS property to change the background color of an element to Hex EDC74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDC74B }
```

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

```
.background{ background-color:#EDC74B }
```

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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