

# Converting Colors

Hex(EED06A)

Have a look what the booklet for  
Hex(EED06A) contains.

<b>Hex(EED06A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EED06A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED06A
RGB	238, 208, 106
RGB Percent	93%, 82%, 42%
CMY	0.0667, 0.1843, 0.5843
CMYK	0.00, 0.13, 0.55, 0.07
HSL	46°, 80%, 67%
HSV	46°, 55%, 93%
XYZ	60.4173, 64.3295, 22.8682
YIQ	205.3420, 50.6220, -25.3620

# Conversions

## Conversions Part 2

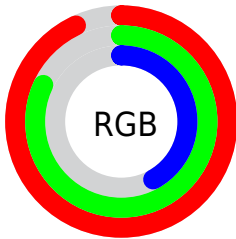
Format	Color
<a href="#">RYB</a>	<a href="#">145, 238, 106</a>
Decimal	<a href="#">15650922</a>
CIELab	<a href="#">84.14, -1.72, 53.77</a>
CIELCh	<a href="#">84, 53.794, 91.827</a>
Yxy	<a href="#">64.3295, 0.4093, 0.4358</a>
Android (android.graphics.Color)	<a href="#">4293841002</a> ( <a href="#">0xFFEED06A</a> )
YUV	<a href="#">205.3420, -48.9756, 28.6411</a>
Hunter-Lab	<a href="#">80.2057, -5.8995, 39.2393</a>

# Details

The Hex color **EED06A** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6A88EE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFA0**, and **B39A36** is the 20% darker color. If you saturate the color by 10%, you get **EECB52**, and if you desaturate by 10%, it is **EED582**.

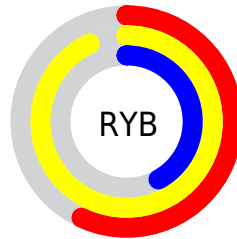
# Distribution



Red (93%)

Green (82%)

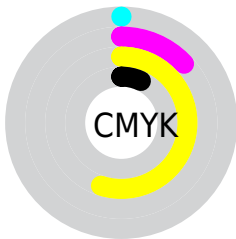
Blue (42%)



Red (57%)

Yellow (93%)

Blue (42%)

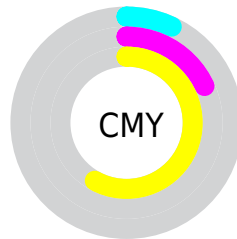


Cyan (0%)

Magenta (13%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EED06A 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 EED06A by changing the saturation by 10% instead.



 EED06A

 EED06A

FFFFFF

 D0B550

 FFFFA0

 B39A36

 FFFFBC

 978019

 FFFFD8

 7B6700

 FFFFF5

 604F00

 453900

 2C2400

 110F00

 000000

 EED06A

 EED06A

 EECB52

 EED582

 EEC53A

 EEDB9A

 EEC023

 EEE0B1

 EEBA0B

 EEE6C9

 EEB800

 EEEBE1

 EEF0F9

 EEF6FF

 EEFBFF

 EEEFFF

# Harmonies

## Analogous

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



FFBE79



EED06A



BADF79

# Triad

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



EED06A



00EBFF



FFB1FF

# Complementary

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



EED06A



6A88EE

# 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.



DAC3FF



EED06A



00E4FF

# Square

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



EED06A



00ECD3



83D6FF



FFA8D1

# Rectangle

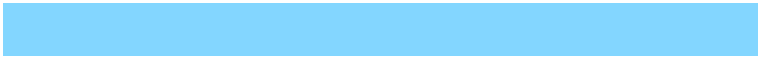
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED06A



91E591



83D6FF



FFB7FF



# Sweetspot

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



EED06A



FFF5D4



EE6A89



807A66



000000



808080



# Same Dimension

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



EED06A



FFD854



CBEE6A



78756C



B88E00



382B00



# Inverse Universe

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



6A88EE



547BFF



8D6AEE



6C6F78



002AB8



000D38



# Previews

## White Background



This preview shows how the Hex color EED06A looks on a white background.

## Color Contrast Check

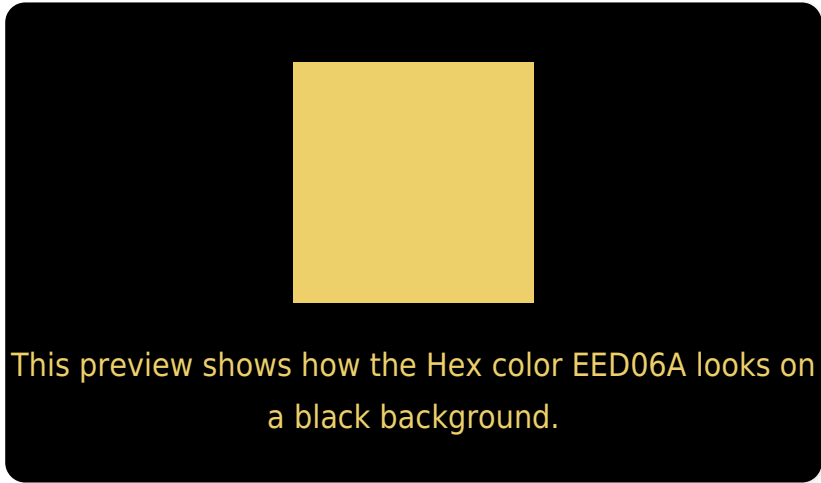
Large Text (above 18pt) WCAG AA × Fail

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 EED06A Background



This preview shows how black text looks on a background with the Hex color EED06A.

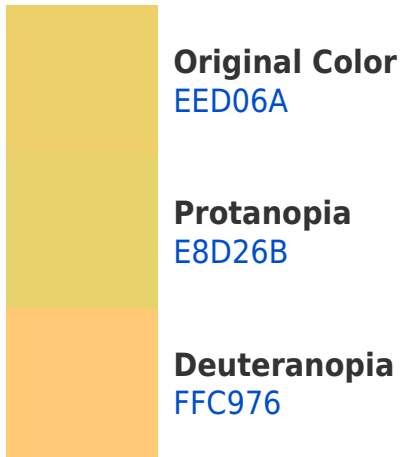


This preview shows how white text looks on a background with the Hex color EED06A.

# 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](#).

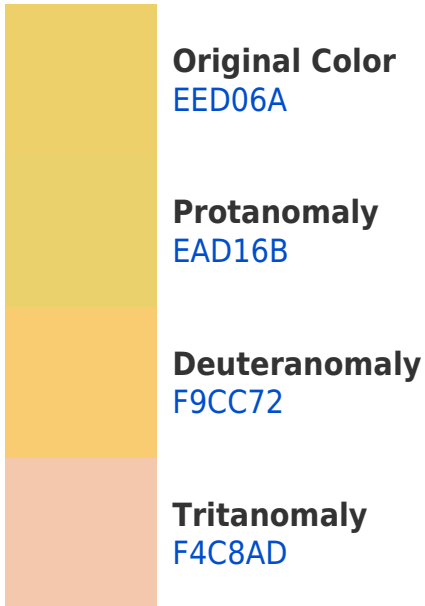
## Dichromacy



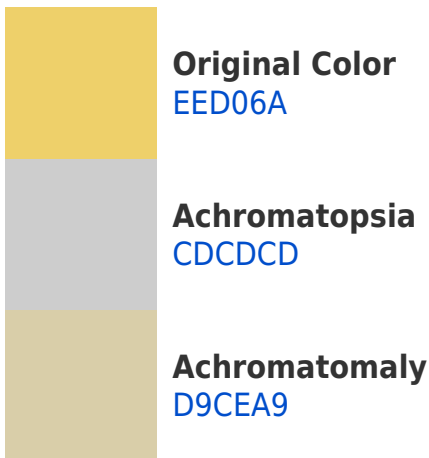


**Tritanopia**  
F8C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EED06A 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 #EED06A looks like.

```
.text, #text, p{  
    color:#EED06A  
}
```

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 #EED06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED06A
}
```

## Border

The CSS property to change the border of an element to Hex EED06A 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
#EED06A }
```

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

```
.border{ border-color:#EED06A }
```

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

Here you see how a box with a 4 pixel #EED06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED06A; -webkit-box-shadow:4px 4px  
4px 4px #EED06A; box-shadow:4px 4px 4px  
4px #EED06A }
```

# Background

The CSS property to change the background color of an element to Hex EED06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED06A }
```

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

```
.background{ background-color:#EED06A }
```

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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