

# Converting Colors

Hex(EDEF00)

Have a look what the booklet for  
Hex(EDEF00) contains.

<b>Hex(EDEF00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(EDEF00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDEF00
RGB	237, 239, 0
RGB Percent	93%, 94%, 0%
CMY	0.0706, 0.0627, 1.0000
CMYK	0.01, 0.00, 1.00, 0.06
HSL	61°, 100%, 47%
HSV	61°, 100%, 94%
XYZ	65.7916, 79.7375, 11.9233
YIQ	211.1560, 75.5270, -74.7530

# Conversions

## Conversions Part 2

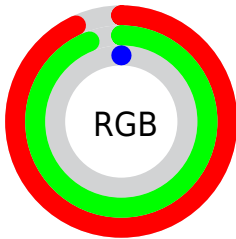
Format	Color
<a href="#">RYB</a>	<a href="#">0, 239, 2</a>
Decimal	<a href="#">15593216</a>
CIELab	<a href="#">91.57, -21.35, 89.78</a>
CIELCh	<a href="#">92, 92.280, 103.380</a>
Yxy	<a href="#">79.7375, 0.4179, 0.5064</a>
Android (android.graphics.Color)	<a href="#">4293783296 (0xFFEDEF00)</a>
YUV	<a href="#">211.1560, -104.0999, 22.6652</a>
Hunter-Lab	<a href="#">89.2959, -24.7523, 54.5904</a>

# Details

The Hex color **EDEF00** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **0200EF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF5D**, and **B0B700** is the 20% darker color. If you saturate the color by 10%, you get **EDEF00**, and if you desaturate by 10%, it is **EDEF18**.

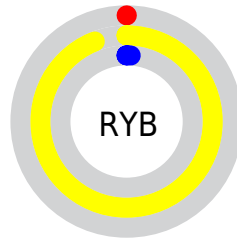
# Distribution



Red (93%)

Green (94%)

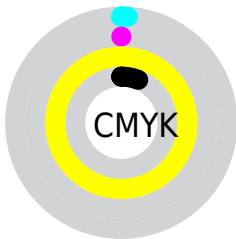
Blue (0%)



Red (0%)

Yellow (94%)

Blue (1%)

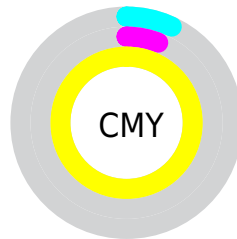


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDEF00 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 EDEF00 by changing the saturation by 10% instead.



 EDEF00

 EDEF00

FFFFFF

 CED300

 FFFF5D

 B0B700

 FFFF7B

 939D00

 FFFF99

 768300

 FFFFB7

 596A00

 FFFFD5

 3D5200

 FFFFF3

 223B00

 062500

 000B00

 EDEF00

 EDEF18

 EDEF30

 EEEF48

 EEEF60

 EEEF77

 EEEF8F

 EEEFA7

 EFEFBF

 EFEFD7

# Harmonies

## Analogous

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



FFD025



EDEF00



87FF5A

# Triad

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



EDEF00



00FFFF



FF97FF

# Complementary

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



EDEF00



0200EF

# 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.



FFBDF5



EDEF00



00FFFF

# Square

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



EDEF00



00FFFF



73E4FF



FF8EC3

# Rectangle

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



EDEF00



00FF93



73E4FF



FFA2FF



# Sweetspot

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



EDEF00



FEFFB3



EF0000



7F8052



000000



808080



# Same Dimension

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



EDEF00



FDF000



77EF00



78786C



B6B800



383800



# Inverse Universe

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



0200EF



0200FF



7700EF



6C6C78



0200B8

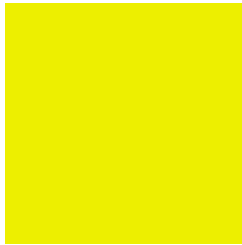


000038



# Previews

## White Background



This preview shows how the Hex color EDEF00 looks on a white background.

## Color Contrast Check

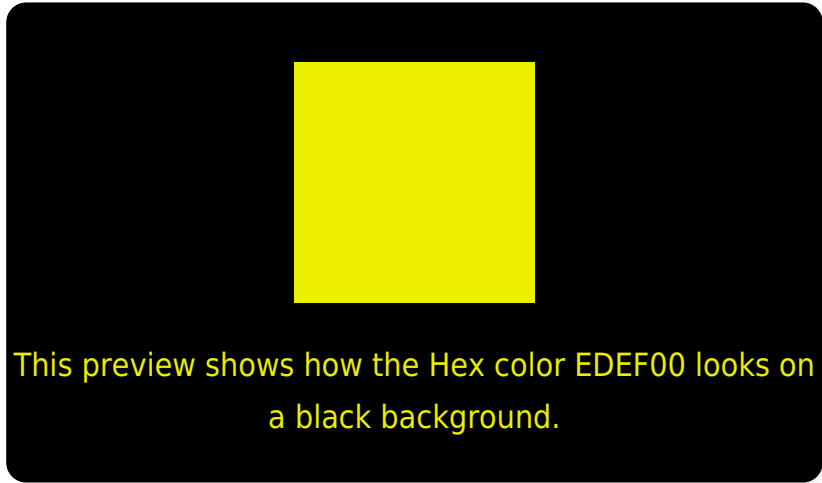
Large Text (above 18pt) WCAG AA × Fail

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 EDEF00 Background



This preview shows how black text looks on a background with the Hex color EDEF00.

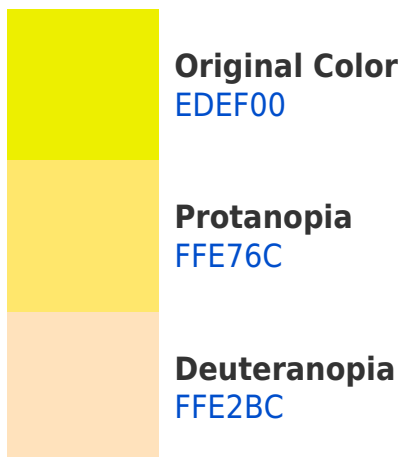


This preview shows how white text looks on a background with the Hex color EDEF00.

# 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](#).

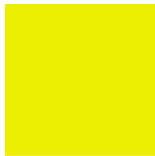
## Dichromacy





**Tritanopia**  
FDDEF0

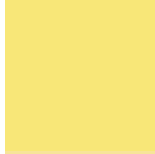
# Trichromacy



**Original Color**  
EDEF00



**Protanomaly**  
F8EA45



**Deuteranomaly**  
F8E778



**Tritanomaly**  
F7E499

# Monochromacy



**Original Color**  
EDEF00



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
DCDD86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDEF00 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 #EDEF00 looks like.

```
.text, #text, p{  
    color:#EDEF00  
}
```

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 #EDEF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDEF00
}
```

## Border

The CSS property to change the border of an element to Hex EDEF00 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
#EDEF00 }
```

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

```
.border{ border-color:#EDEF00 }
```

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

Here you see how a box with a 4 pixel #EDEF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDEF00; -webkit-box-shadow:4px 4px  
4px 4px #EDEF00; box-shadow:4px 4px 4px  
4px #EDEF00 }
```

# Background

The CSS property to change the background color of an element to Hex EDEF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDEF00 }
```

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

```
.background{ background-color:#EDEF00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor