

# Converting Colors

Hex(EAE600)

Have a look what the booklet for  
Hex(EAE600) contains.

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**Color**

**Hex(EAE600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAE600
RGB	234, 230, 0
RGB Percent	92%, 90%, 0%
CMY	0.0824, 0.0980, 1.0000
CMYK	0.00, 0.02, 1.00, 0.08
HSL	59°, 100%, 46%
HSV	59°, 100%, 92%
XYZ	62.2285, 74.0861, 11.0202
YIQ	204.9760, 76.2140, -70.6820

# Conversions

## Conversions Part 2

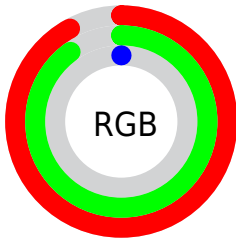
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	4, 234, 0
Decimal	15394304
CIE Lab	88.96, -18.26, 87.77
CIE LCh	89, 89.646, 101.755
Yxy	74.0861, 0.4224, 0.5028
Android (android.graphics.Color)	4293584384 (0xFFEAE600)
YUV	204.9760, -101.0532, 25.4540
Hunter-Lab	86.0733, -21.5778, 52.6602

# Details

The Hex color **EAE600** 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 **0004EA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF5B**, and **ADAF00** is the 20% darker color. If you saturate the color by 10%, you get **EAE600**, and if you desaturate by 10%, it is **EAE617**.

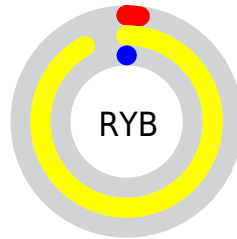
# Distribution



Red (92%)

Green (90%)

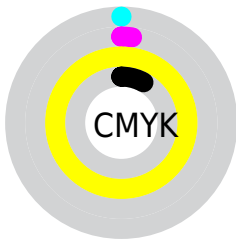
Blue (0%)



Red (2%)

Yellow (92%)

Blue (0%)

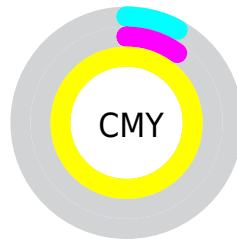


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (10%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAE600 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 EAE600 by changing the saturation by 10% instead.



 EAE600

 EAE600

FFFFFF

 CBCA00

 FFFF5B

 ADAF00

 FFFF79

 909400

 FFFF97

 737B00

 FFFFB5

 566200

 FFFFD3

 3B4A00

 FFFFF1

 213400

 031F00

 000000

 EAE600

 EAE617

 EAE72F

 EAE746

 EAE85E

 EAE875

 EAE88C

 EAE9A4

 EAE9BB

 EAEAD3

# Harmonies

## Analogous

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



FFC829



EAE600



8AFA54

# Triad

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



EAE600



00FFFF



FF94FF

# Complementary

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



EAE600



0004EA

# 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.



FFB9FF



EAE600



00F7FF

# Square

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



EAE600



00FFFF



5FDEFF



FF8AC1

# Rectangle

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



EAE600



00FF8A



5FDEFF



FF9FFF



# Sweetspot

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



EAE600



FFFEB3



EA0008



807F52



000000



808080



# Same Dimension

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



EAE600



FFFB00



7DEA00



75756A



B5B200



363500



# Inverse Universe

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



0004EA



0004FF



6D00EA



6A6A75



0003B5

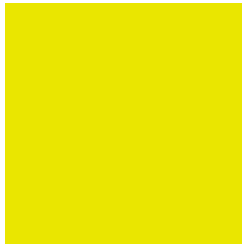


000136



# Previews

## White Background



This preview shows how the Hex color EAE600 looks on a white background.

## Color Contrast Check

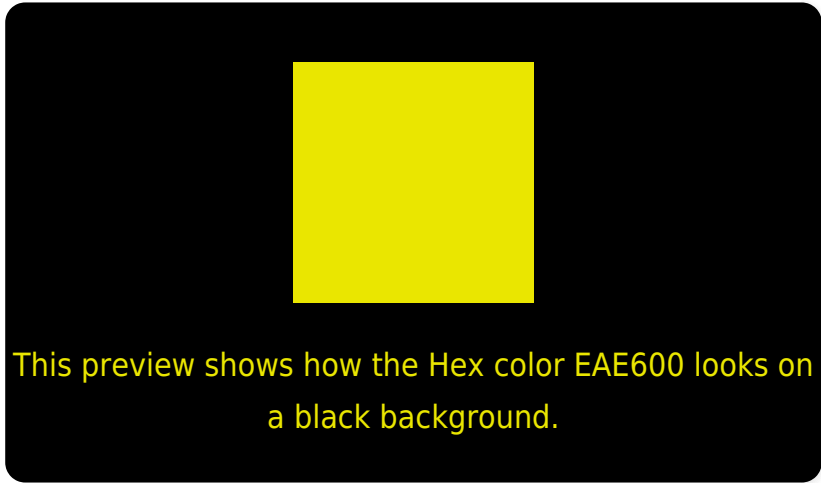
Large Text (above 18pt) WCAG AA × Fail

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 EAE600 Background



This preview shows how black text looks on a background with the Hex color EAE600.

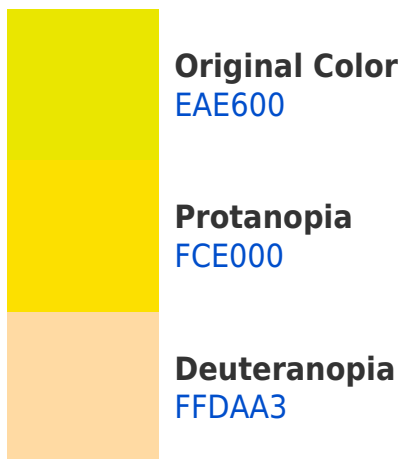


This preview shows how white text looks on a background with the Hex color EAE600.

# 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](#).

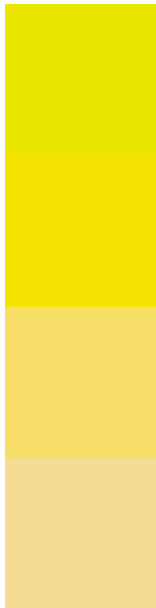
## Dichromacy





**Tritanopia**  
F9D6E6

# Trichromacy



**Original Color**  
EAE600

**Protanomaly**  
F5E200

**Deuteranomaly**  
F7DE68

**Tritanomaly**  
F4DC92

# Monochromacy



**Original Color**  
EAE600

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
D8D682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAE600 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 #EAE600 looks like.

```
.text, #text, p{  
    color:#EAE600  
}
```

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 #EAE600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAE600
}
```

## Border

The CSS property to change the border of an element to Hex EAE600 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
#EAE600 }
```

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

```
.border{ border-color:#EAE600 }
```

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

Here you see how a box with a 4 pixel #EAE600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAE600; -webkit-box-shadow:4px 4px  
4px 4px #EAE600; box-shadow:4px 4px 4px  
4px #EAE600 }
```

# Background

The CSS property to change the background color of an element to Hex EAE600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAE600 }
```

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

```
.background{ background-color:#EAE600 }
```

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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