

# Converting Colors

Hex(E7E500)

Have a look what the booklet for  
Hex(E7E500) contains.

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**Color**

**Hex(E7E500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E500
RGB	231, 229, 0
RGB Percent	91%, 90%, 0%
CMY	0.0941, 0.1020, 1.0000
CMYK	0.00, 0.01, 1.00, 0.09
HSL	59°, 100%, 45%
HSV	59°, 100%, 91%
XYZ	60.9743, 73.0275, 10.8820
YIQ	203.4920, 74.7010, -70.7950

# Conversions

## Conversions Part 2

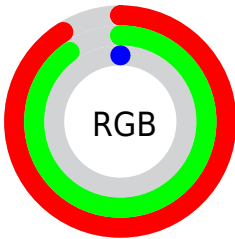
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 231, 0
Decimal	15197440
CIE Lab	88.46, -19.04, 87.29
CIE LCh	88, 89.342, 102.302
Yxy	73.0275, 0.4208, 0.5040
Android (android.graphics.Color)	4293387520 (0xFFE7E500)
YUV	203.4920, -100.3216, 24.1245
Hunter-Lab	85.4562, -22.1857, 52.2693

# Details

The Hex color **E7E500** 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 **0002E7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF5B**, and **ABAE00** is the 20% darker color. If you saturate the color by 10%, you get **E7E500**, and if you desaturate by 10%, it is **E7E517**.

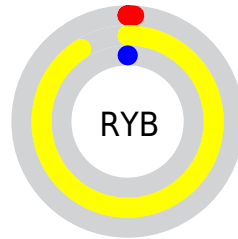
# Distribution



Red (91%)

Green (90%)

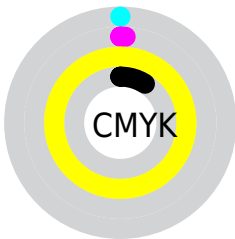
Blue (0%)



Red (1%)

Yellow (91%)

Blue (0%)

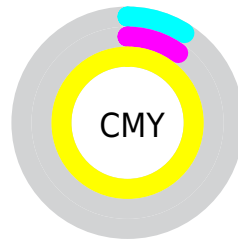


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (10%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7E500 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 E7E500 by changing the saturation by 10% instead.



 E7E500

 E7E500

FFFFFF

 C9C900

 FFFF5B

 ABAE00

 FFFF79

 8D9300

 FFFF97

 707A00

 FFFFB4

 546100

 FFFF D2

 384A00

 FFFFF0

 1E3300

 001F00

 000000

 E7E500

 E7E517

 E7E52E

 E7E645

 E7E65C

 E7E674

 E7E68B

 E7E6A2

 E7E7B9

 E7E7D0

# Harmonies

## Analogous

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



FFC727



E7E500



86F854

# Triad

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



E7E500



00FFFF



FF93FF

# Complementary

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



E7E500



0002E7

# 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.



FFB7FF



E7E500



00F5FF

# Square

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



E7E500



00FFFF



64DCFF



FF89BF

# Rectangle

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



E7E500



00FF8A



64DCFF



FF9DFF



# Sweetspot

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



E7E500



FFFEB3



E70004



807F52



000000



808080



# Same Dimension

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



E7E500



FFFD00



77E700



737367



B3B100



333300



# Inverse Universe

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



0002E7



0002FF



7000E7



676773



0002B3

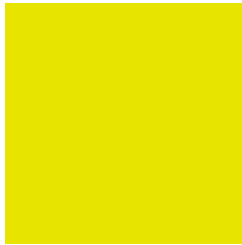


000033



# Previews

## White Background



This preview shows how the Hex color E7E500 looks on a white background.

## Color Contrast Check

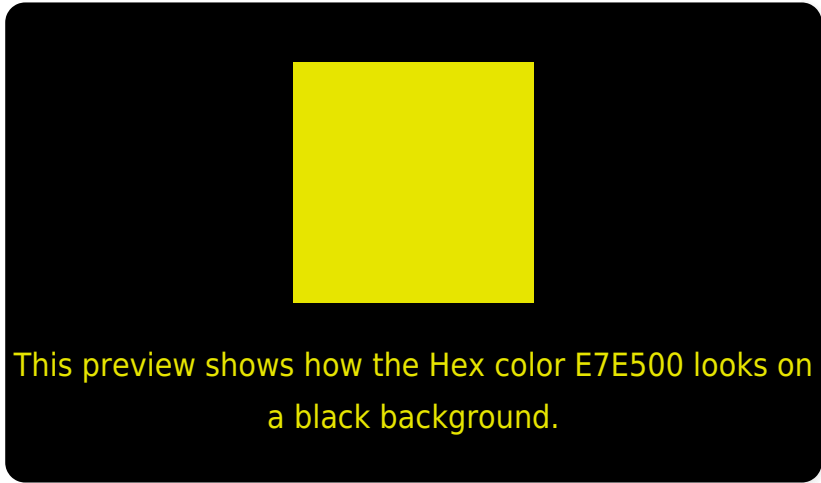
Large Text (above 18pt) WCAG AA × Fail

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 E7E500 Background



This preview shows how black text looks on a background with the Hex color E7E500.

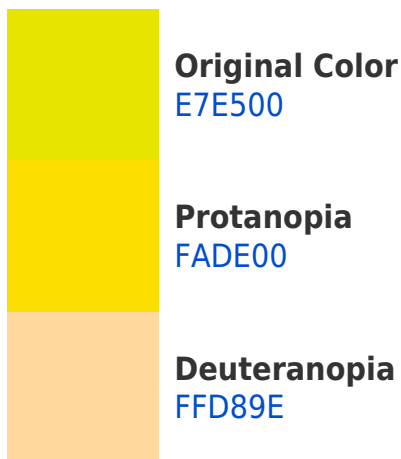


This preview shows how white text looks on a background with the Hex color E7E500.

# 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](#).

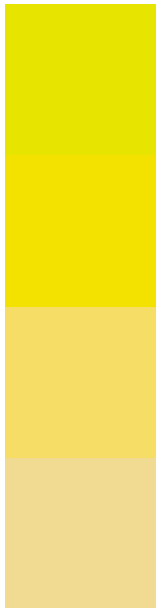
## Dichromacy





**Tritanopia**  
F6D5E5

# Trichromacy



**Original Color**  
E7E500

**Protanomaly**  
F3E100

**Deuteranomaly**  
F6DD65

**Tritanomaly**  
F1DB92

# Monochromacy



**Original Color**  
E7E500

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
D5D481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7E500 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 #E7E500 looks like.

```
.text, #text, p{  
    color:#E7E500  
}
```

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 #E7E500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E500
}
```

## Border

The CSS property to change the border of an element to Hex E7E500 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
#E7E500 }
```

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

```
.border{ border-color:#E7E500 }
```

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

Here you see how a box with a 4 pixel #E7E500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E500; -webkit-box-shadow:4px 4px  
4px 4px #E7E500; box-shadow:4px 4px 4px  
4px #E7E500 }
```

# Background

The CSS property to change the background color of an element to Hex E7E500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E500 }
```

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

```
.background{ background-color:#E7E500 }
```

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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