

# Converting Colors

Hex(E5E000)

Have a look what the booklet for  
Hex(E5E000) contains.

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**Color**

**Hex(E5E000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E000
RGB	229, 224, 0
RGB Percent	90%, 88%, 0%
CMY	0.1020, 0.1216, 1.0000
CMYK	0.00, 0.02, 1.00, 0.10
HSL	59°, 100%, 45%
HSV	59°, 100%, 90%
XYZ	58.9688, 69.9693, 10.3974
YIQ	199.9590, 74.8840, -68.6040

# Conversions

## Conversions Part 2

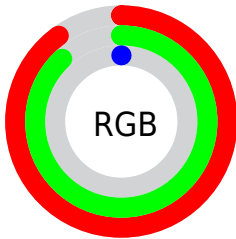
Format	Color
<b>RYB</b>	5, 229, 0
Decimal	15065088
CIELab	86.98, -17.44, 86.14
CIELCh	87, 87.887, 101.446
Yxy	69.9693, 0.4232, 0.5022
Android (android.graphics.Color)	4293255168 (0xFFE5E000)
YUV	199.9590, -98.5798, 25.4690
Hunter-Lab	83.6477, -20.5470, 51.1836

# Details

The Hex color **E5E000** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **0005E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF59**, and **A9A900** is the 20% darker color. If you saturate the color by 10%, you get **E5E000**, and if you desaturate by 10%, it is **E5E117**.

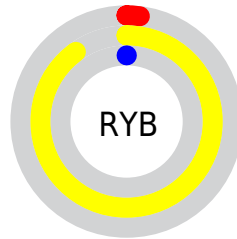
# Distribution



Red (90%)

Green (88%)

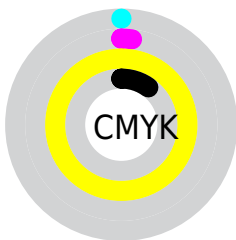
Blue (0%)



Red (2%)

Yellow (90%)

Blue (0%)

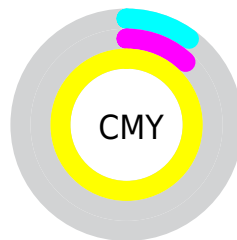


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5E000 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 E5E000 by changing the saturation by 10% instead.



 E5E000

 E5E000

FFFFFF

 C7C400

 FFFF59

 A9A900

 FFFF78

 8B8F00

 FFFF95

 6F7500

 FFFFB3

 525D00

 FFFFD1

 374600

 FFFFEF

 1D2F00

 001C00

 000000

 E5E000

 E5E117

 E5E12E

 E5E245

 E5E25C

 E5E373

 E5E389

 E5E3A0

 E5E4B7

 E5E4CE

# Harmonies

## Analogous

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



FFC329



E5E000



87F351

# Triad

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



E5E000



00FEFF



FF91FF

# Complementary

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



E5E000



0005E5

# 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.



FFB5FF



E5E000



00F1FF

# Square

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



E5E000



00FFF9



59D9FF



FF86BD

# Rectangle

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



E5E000



00FB85



59D9FF



FF9BFF



# Sweetspot

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



E5E000



FFFDB3



E50008



807E52



000000



808080



# Same Dimension

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



E5E000



FFF900



7AE500



737267



B3AF00



333200



# Inverse Universe

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



0005E5



0006FF



6B00E5



676873



0004B3

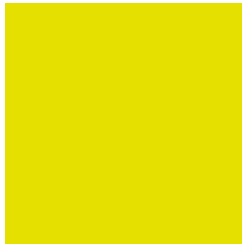


000133



# Previews

## White Background



This preview shows how the Hex color E5E000 looks on a white background.

## Color Contrast Check

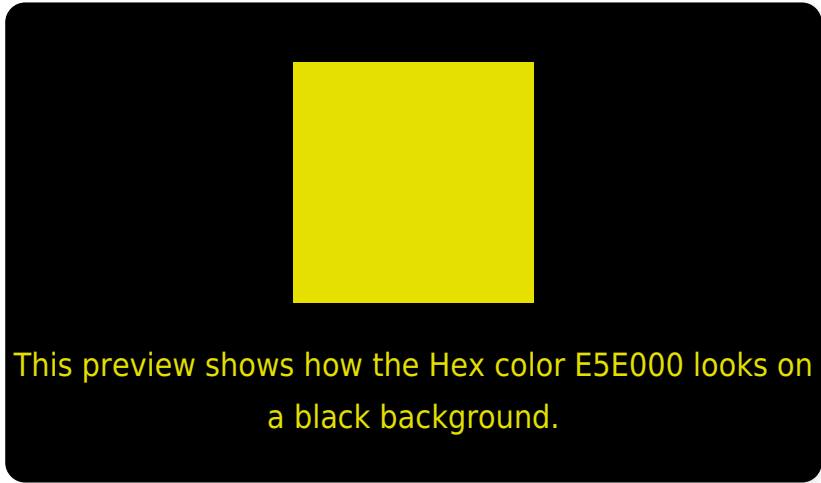
Large Text (above 18pt) WCAG AA × Fail

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 E5E000 Background



This preview shows how black text looks on a background with the Hex color E5E000.

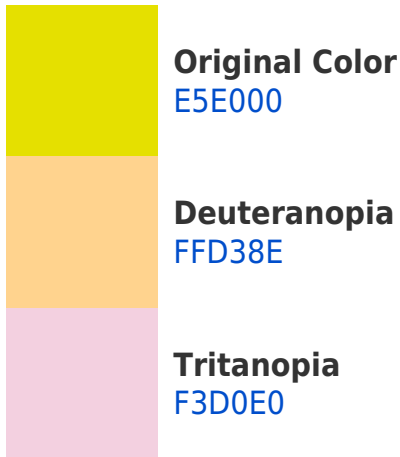


This preview shows how white text looks on a background with the Hex color E5E000.

# 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](#).

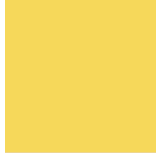
## Dichromacy



# Trichromacy



**Original Color**  
E5E000



**Deuteranomaly**  
F6D85A

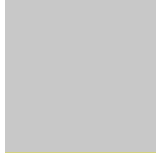


**Tritanomaly**  
EED68F

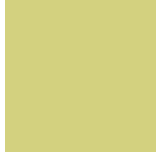
# Monochromacy



**Original Color**  
E5E000



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D3D17F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5E000 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 #E5E000 looks like.

```
.text, #text, p{  
    color:#E5E000  
}
```

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 #E5E000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5E000
}
```

## Border

The CSS property to change the border of an element to Hex E5E000 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
#E5E000 }
```

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

```
.border{ border-color:#E5E000 }
```

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

Here you see how a box with a 4 pixel #E5E000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5E000; -webkit-box-shadow:4px 4px  
4px 4px #E5E000; box-shadow:4px 4px 4px  
4px #E5E000 }
```

# Background

The CSS property to change the background color of an element to Hex E5E000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5E000 }
```

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

```
.background{ background-color:#E5E000 }
```

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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