

# Converting Colors

Hex(E5CD00)

Have a look what the booklet for  
Hex(E5CD00) contains.

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**Color**

**Hex(E5CD00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5CD00
RGB	229, 205, 0
RGB Percent	90%, 80%, 0%
CMY	0.1020, 0.1961, 1.0000
CMYK	0.00, 0.10, 1.00, 0.10
HSL	54°, 100%, 45%
HSV	54°, 100%, 90%
XYZ	54.1444, 60.3207, 8.7893
YIQ	188.8060, 80.1090, -58.6670

# Conversions

## Conversions Part 2

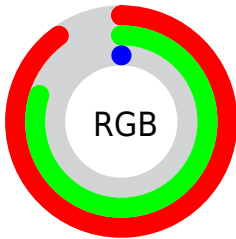
Format	Color
R <sub>Y</sub> B	27, 229, 0
Decimal	15060224
CIE Lab	82.01, -7.98, 82.55
CIE LCh	82, 82.935, 95.523
Yxy	60.3207, 0.4393, 0.4894
Android (android.graphics.Color)	4293250304 (0xFFE5CD00)
YUV	188.8060, -93.0814, 35.2501
Hunter-Lab	77.6664, -11.4765, 47.6567

# Details

The Hex color **E5CD00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0018E5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF56**, and **A99700** is the 20% darker color. If you saturate the color by 10%, you get **E5CD00**, and if you desaturate by 10%, it is **E5CF17**.

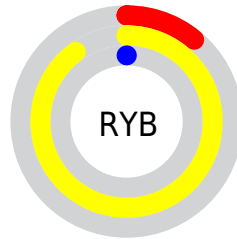
# Distribution



Red (90%)

Green (80%)

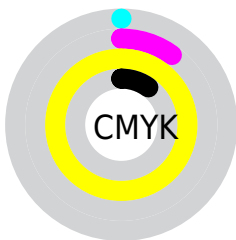
Blue (0%)



Red (11%)

Yellow (90%)

Blue (0%)

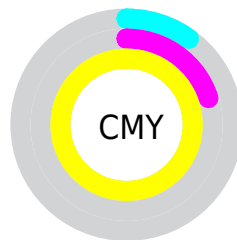


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5CD00 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 E5CD00 by changing the saturation by 10% instead.



 E5CD00

 E5CD00

FFFFFF

 C7B200

 FFFF56

 A99700

 FFFF74

 8B7E00

 FFFF91

 6E6500

 FFFFAE

 524D00

 FFFFCB

 383700

 FFFF91

 1F2200

 000D00

 000000

 E5CD00

 E5CF17

 E5D22E

 E5D445

 E5D75C

 E5D973

 E5DB89

 E5DEA0

 E5E0B7

 E5E3CE

# Harmonies

## Analogous

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



FFB034



E5CD00



93E13F

# Triad

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



E5CD00



00EFFF



FF8EFF

# Complementary

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



E5CD00



0018E5

# 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.



E0B1FF



E5CD00



00E5FF

# Square

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



E5CD00



00F0D9



00D0FF



FF7DC1

# Rectangle

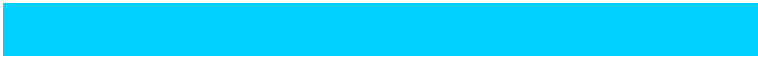
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5CD00



3BE96E



00D0FF



FF99FF



# Sweetspot

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



E5CD00



FFF7B3



E5001B



807B52



000000



808080



# Same Dimension

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



E5CD00



FFE400



8DE500



737267



B3A000



332E00



# Inverse Universe

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



0018E5



001BFF



5800E5



676873



0013B3



000533



# Previews

## White Background



This preview shows how the Hex color E5CD00 looks on a white background.

## Color Contrast Check

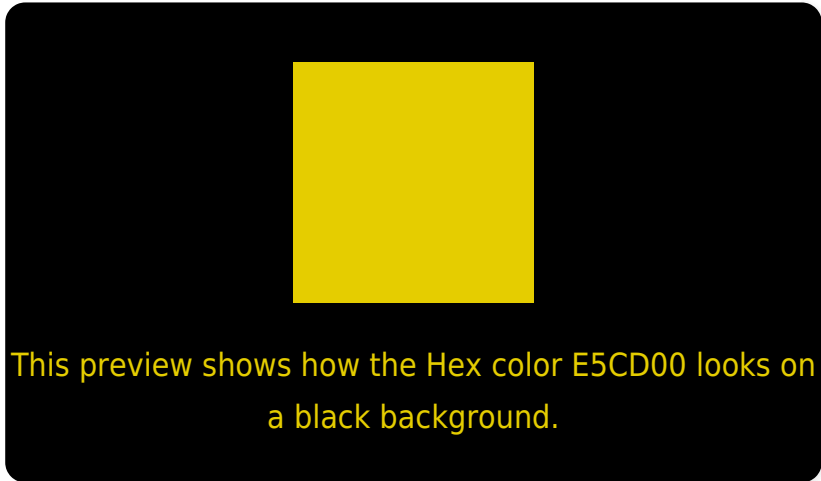
Large Text (above 18pt) WCAG AA × Fail

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 E5CD00 Background



This preview shows how black text looks on a background with the Hex color E5CD00.

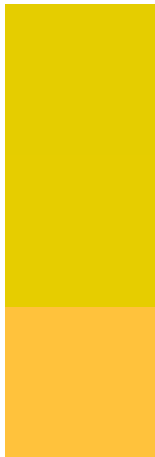


This preview shows how white text looks on a background with the Hex color E5CD00.

# 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



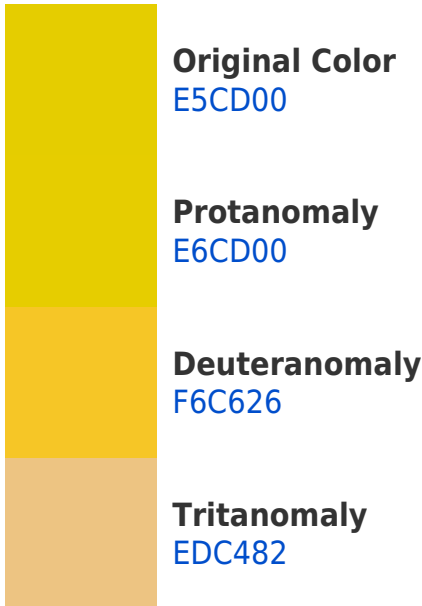
**Original Color**  
E5CD00

**Protanopia**  
E6CD00

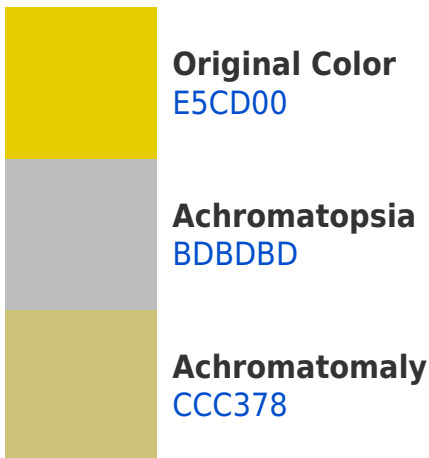
**Deuteranopia**  
FFC23C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5CD00 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 #E5CD00 looks like.

```
.text, #text, p{  
    color:#E5CD00  
}
```

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 #E5CD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CD00  
}
```

## Border

The CSS property to change the border of an element to Hex E5CD00 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  
#E5CD00 }
```

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

```
.border{ border-color:#E5CD00 }
```

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

Here you see how a box with a 4 pixel #E5CD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CD00; -webkit-box-shadow:4px 4px  
4px 4px #E5CD00; box-shadow:4px 4px 4px  
4px #E5CD00 }
```

# Background

The CSS property to change the background color of an element to Hex E5CD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CD00 }
```

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

```
.background{ background-color:#E5CD00 }
```

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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