

# Converting Colors

Hex(E6CC07)

Have a look what the booklet for  
Hex(E6CC07) contains.

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**Color**

**Hex(E6CC07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6CC07
RGB	230, 204, 7
RGB Percent	90%, 80%, 3%
CMY	0.0980, 0.2000, 0.9725
CMYK	0.00, 0.11, 0.97, 0.10
HSL	53°, 94%, 46%
HSV	53°, 97%, 90%
XYZ	54.2643, 60.0241, 8.9268
YIQ	189.3160, 78.7330, -55.7550

# Conversions

## Conversions Part 2

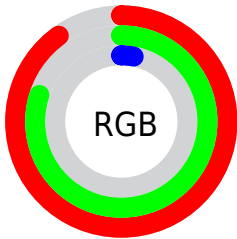
Format	Color
R <sub>Y</sub> B	36, 230, 7
Decimal	15125511
CIE Lab	81.85, -6.98, 81.82
CIE LCh	82, 82.122, 94.877
Yxy	60.0241, 0.4404, 0.4871
Android (android.graphics.Color)	4293315591 (0xFFE6CC07)
YUV	189.3160, -89.8818, 35.6799
Hunter-Lab	77.4752, -10.5586, 47.4012

# Details

The Hex color **E6CC07** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **0721E6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF58**, and **AA9600** is the 20% darker color. If you saturate the color by 10%, you get **E6CB00**, and if you desaturate by 10%, it is **E6CF1E**.

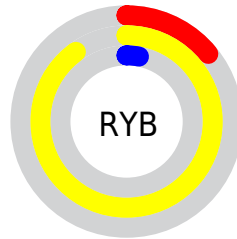
# Distribution



Red (90%)

Green (80%)

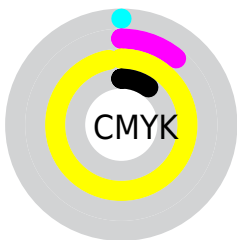
Blue (3%)



Red (14%)

Yellow (90%)

Blue (3%)

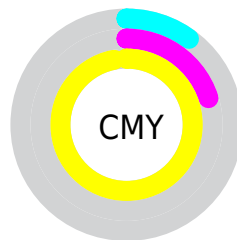


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6CC07 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 E6CC07 by changing the saturation by 10% instead.



 E6CC07

 E6CC07

FFFFFF

 C8B100

 FFFF58

 AA9600

 FFFF75

 8C7D00

 FFFF92

 6F6400

 FFFFAF

 534D00

 FFFFCD

 393600

 FFFFEA

 202100

 000C00

 000000

 E6CC07

 E6CC07

 E6CB00

 E6CF1E

 E6D135

 E6D44C

 E6D763

 E6D97A

 E6DC91

 E6DFA8

 E6E1BF

 E6E4D6

# Harmonies

## Analogous

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



FFAF37



E6CC07



96E03F

# Triad

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



E6CC07



00EEFF



FF8FFF

# Complementary

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



E6CC07



0721E6

# 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.



DDB1FF



E6CC07



00E5FF

# Square

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



E6CC07



00EFD6



00D0FF



FF7EC2

# Rectangle

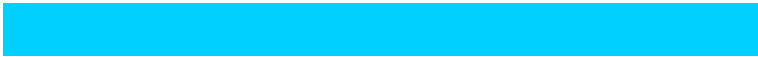
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6CC07



42E86D



00D0FF



FF9AFF



# Sweetspot

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



E6CC07



FFF6B5



E60721



807A53



000000



808080



# Same Dimension

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



E6CC07



FFE100



91E607



737167



B39E00



332D00



# Inverse Universe

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



0721E6



001EFF



5C07E6



676973



0015B3



000633



# Previews

## White Background



This preview shows how the Hex color E6CC07 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



This preview shows how the Hex color E6CC07 looks on a 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 E6CC07 Background



This preview shows how black text looks on a background with the Hex color E6CC07.

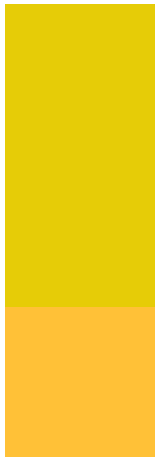


This preview shows how white text looks on a background with the Hex color E6CC07.

# 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



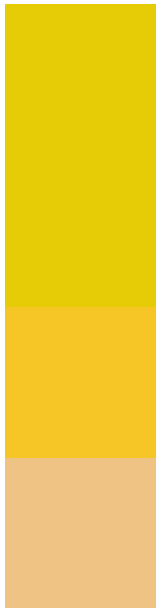
**Original Color**  
E6CC07

**Protanopia**  
E6CC07

**Deuteranopia**  
FFC137



# Trichromacy



**Original Color**  
E6CC07

**Protanomaly**  
E6CC07

**Deuteranomaly**  
F6C526

**Tritanomaly**  
EEC384

# Monochromacy



**Original Color**  
E6CC07

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
CCC27B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6CC07 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 #E6CC07 looks like.

```
.text, #text, p{  
    color:#E6CC07  
}
```

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 #E6CC07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CC07
}
```

## Border

The CSS property to change the border of an element to Hex E6CC07 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
#E6CC07 }
```

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

```
.border{ border-color:#E6CC07 }
```

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

Here you see how a box with a 4 pixel #E6CC07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CC07; -webkit-box-shadow:4px 4px  
4px 4px #E6CC07; box-shadow:4px 4px 4px  
4px #E6CC07 }
```

# Background

The CSS property to change the background color of an element to Hex E6CC07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CC07 }
```

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

```
.background{ background-color:#E6CC07 }
```

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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