

Converting Colors

Hex(E6CC3A)

Have a look what the booklet for
Hex(E6CC3A) contains.

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Color

Hex(E6CC3A)

Conversions

Conversions Part 1

Format	Color
Hex	E6CC3A
RGB	230, 204, 58
RGB Percent	90%, 80%, 23%
CMY	0.0980, 0.2000, 0.7725
CMYK	0.00, 0.11, 0.75, 0.10
HSL	51°, 77%, 56%
HSV	51°, 75%, 90%
XYZ	54.9897, 60.3142, 12.7465
YIQ	195.1300, 62.3620, -39.8940

Conversions

Conversions Part 2

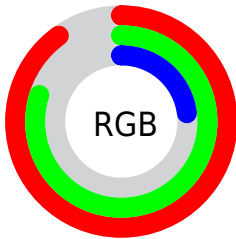
Format	Color
R _Y B	89, 230, 58
Decimal	15125562
CIE Lab	82.01, -5.82, 71.14
CIE LCh	82, 71.380, 94.677
Yxy	60.3142, 0.4294, 0.4710
Android (android.graphics.Color)	4293315642 (0xFFE6CC3A)
YUV	195.1300, -67.6051, 30.5810
Hunter-Lab	77.6622, -9.5197, 44.6324

Details

The Hex color **E6CC3A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3A54E6**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF73**, and **AA9600** is the 20% darker color. If you saturate the color by 10%, you get **E6C923**, and if you desaturate by 10%, it is **E6CF51**.

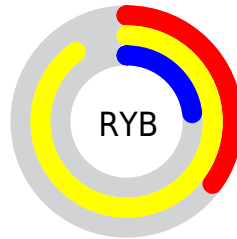
Distribution



Red (90%)

Green (80%)

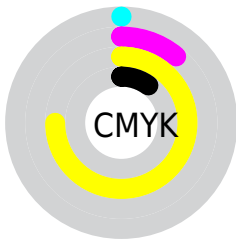
Blue (23%)



Red (35%)

Yellow (90%)

Blue (23%)

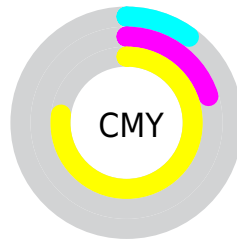


Cyan (0%)

Magenta (11%)

Yellow (75%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CC3A 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 E6CC3A by changing the saturation by 10% instead.

 E6CC3A

 E6CC3A

FFFFFF

 C8B117

 FFFF73

 AA9600

 FFFF8F

 8D7D00

 FFFFAC

 716400

 FFFFC8

 554C00

 FFFFEE

 3B3600

 222100

 000B00

 000000

 E6CC3A

 E6CC3A

 E6C923

 E6CF51

 E6C50C

 E6D368

 E6C300

 E6D67F

 E6DA96

 E6DDAD

 E6E1C4

 E6E4DB

 E6E8F2

 E6EBFF

Harmonies

Analogous

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



FFB350



E6CC3A



A0DE56

Triad

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



E6CC3A



00EBFF



FF9AFF

Complementary

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



E6CC3A



3A54E6

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.



DCB6FF



E6CC3A



00E2FF

Square

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



E6CC3A



00ECD5



4AD0FF



FF8EC4

Rectangle

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



E6CC3A



62E57B



4AD0FF



FFA3FF

Sweetspot

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



E6CC3A



FFF7C7



E63A57



807A5E



000000



808080

Same Dimension

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



E6CC3A



FFDC19



ADE63A



737167



B39800



332B00

Inverse Universe

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



3A54E6



193CFF



733AE6



676973



001BB3



000833

Previews

White Background



This preview shows how the Hex color E6CC3A looks on a white background.

Color Contrast Check

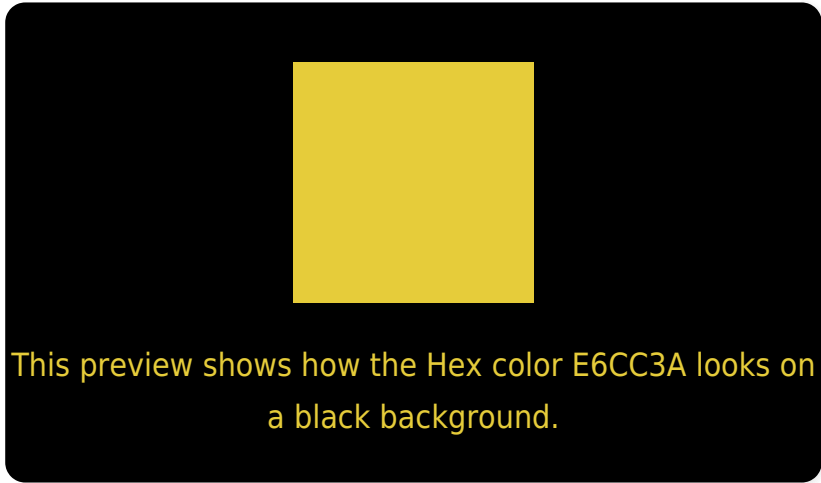
Large Text (above 18pt) WCAG AA × Fail

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 E6CC3A Background



This preview shows how black text looks on a background with the Hex color E6CC3A.

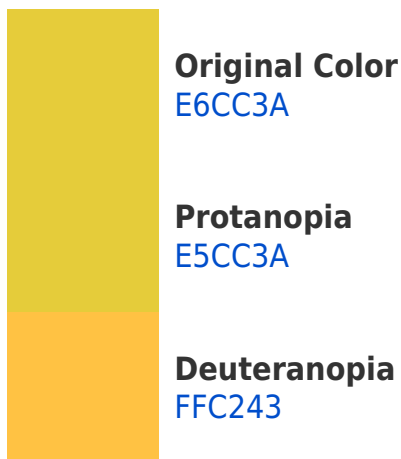


This preview shows how white text looks on a background with the Hex color E6CC3A.

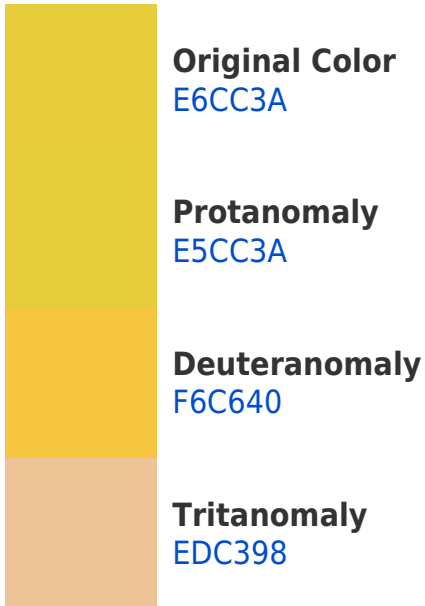
Color Blindness Simulation

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](#).

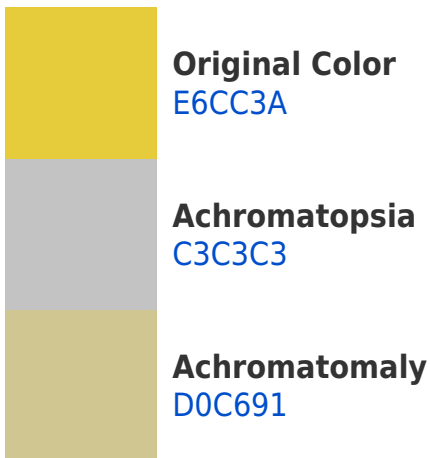
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6CC3A 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 #E6CC3A looks like.

```
.text, #text, p{  
    color:#E6CC3A  
}
```

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 #E6CC3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CC3A
}
```

Border

The CSS property to change the border of an element to Hex E6CC3A 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
#E6CC3A }
```

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

```
.border{ border-color:#E6CC3A }
```

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

Here you see how a box with a 4 pixel #E6CC3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CC3A; -webkit-box-shadow:4px 4px  
4px 4px #E6CC3A; box-shadow:4px 4px 4px  
4px #E6CC3A }
```

Background

The CSS property to change the background color of an element to Hex E6CC3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CC3A }
```

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

```
.background{ background-color:#E6CC3A }
```

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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