

Converting Colors

Hex(C0EA16)

Have a look what the booklet for
Hex(C0EA16) contains.

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Color

Hex(C0EA16)

Conversions

Conversions Part 1

Format	Color
Hex	C0EA16
RGB	192, 234, 22
RGB Percent	75%, 92%, 9%
CMY	0.2471, 0.0824, 0.9137
CMYK	0.18, 0.00, 0.91, 0.08
HSL	72°, 83%, 50%
HSV	72°, 91%, 92%
XYZ	51.3059, 70.1100, 11.5875
YIQ	197.2740, 43.0200, -74.8360

Conversions

Conversions Part 2

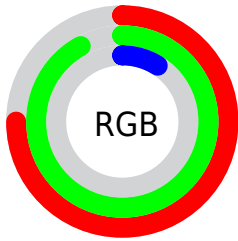
Format	Color
R _Y B	22, 234, 64
Decimal	12642838
CIE Lab	87.05, -37.07, 82.90
CIE LCh	87, 90.808, 114.096
Yxy	70.1100, 0.3857, 0.5271
Android (android.graphics.Color)	4290832918 (0xFFC0EA16)
YUV	197.2740, -86.4101, -4.6253
Hunter-Lab	83.7317, -37.1563, 50.4071

Details

The Hex color **C0EA16** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4016EA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FCFF60**, and **85B200** is the 20% darker color. If you saturate the color by 10%, you get **BCEA00**, and if you desaturate by 10%, it is **C5EA2D**.

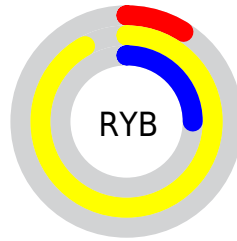
Distribution



Red (75%)

Green (92%)

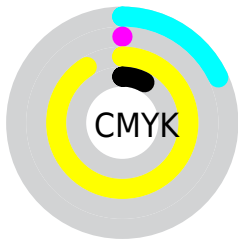
Blue (9%)



Red (9%)

Yellow (92%)

Blue (25%)

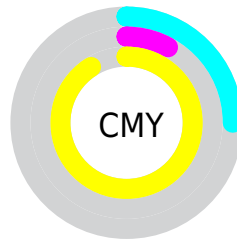


Cyan (18%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0EA16 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 C0EA16 by changing the saturation by 10% instead.

 C0EA16

 C0EA16

FFFFFF

 A2CE00

 FCFF60

 85B200

 FFFF7E

 689700

 FFFF9C

 4C7D00

 FFFFB9

 2D6400

 FFFFD7

 074C00

 FFFFF5

 003400

 002000

 000000

 C0EA16

 C0EA16

 BCEA00

 C5EA2D

 C9EA45

 CEEA5C

 D3EA74

 D7EA8B

 DCEAA2

 E0EABA

 E5EAD1

 EAEAE9

Harmonies

Analogous

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



FFD000



C0EA16



3DF96E

Triad

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



C0EA16



00FBFF



FF83EF

Complementary

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



C0EA16



4016EA

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.



FFA2FF



C0EA16



00E9FF

Square

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



C0EA16



00FFFF



B6CAFF



FF8999

Rectangle

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



C0EA16



00FFA8



B6CAFF



FF8AFF

Sweetspot

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



C0EA16



F1FFBA



EA3D16



778057



000000



808080

Same Dimension

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



C0EA16



CCFF00



59EA16



73756A



91B500



2B3600

Inverse Universe

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



4016EA



3300FF



A716EA



6C6A75



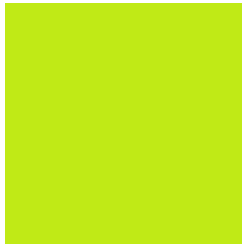
2400B5



0B0036

Previews

White Background



This preview shows how the Hex color C0EA16 looks on a white background.

Color Contrast Check

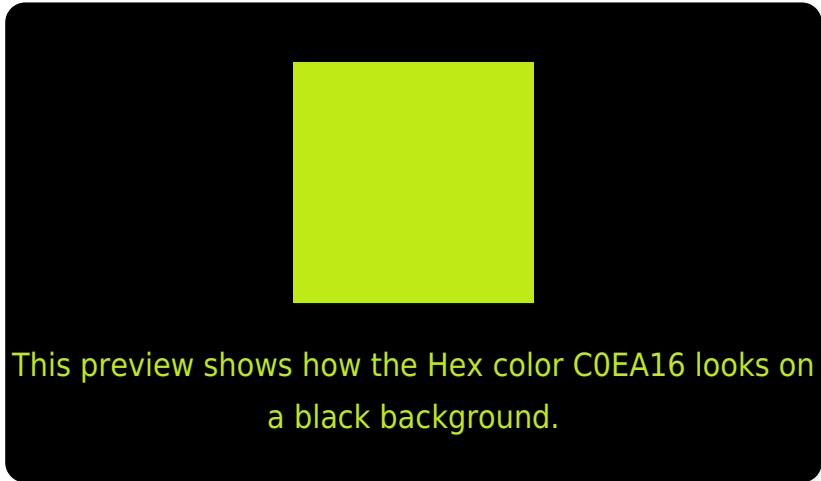
Large Text (above 18pt) WCAG AA × Fail

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 C0EA16 Background



This preview shows how black text looks on a background with the Hex color C0EA16.

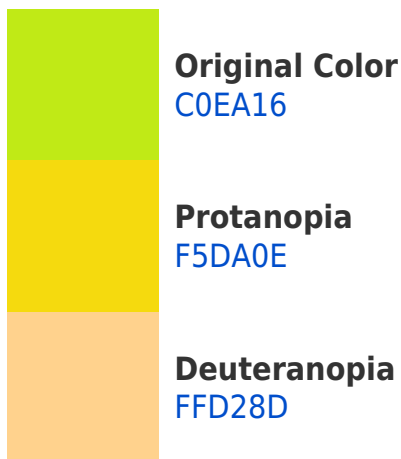


This preview shows how white text looks on a background with the Hex color C0EA16.

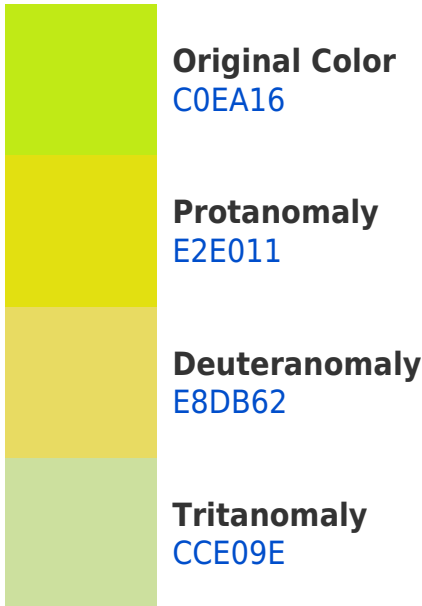
Color Blindness Simulation

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](#).

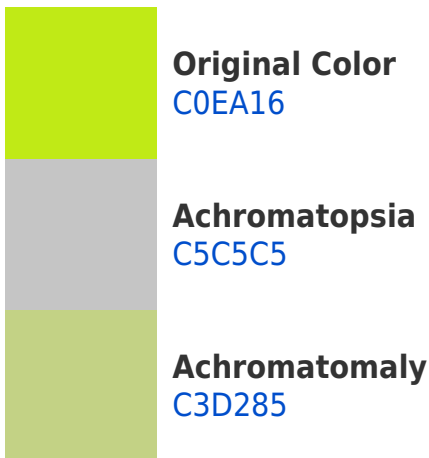
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0EA16 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 #C0EA16 looks like.

```
.text, #text, p{  
    color:#C0EA16  
}
```

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 #C0EA16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0EA16
}
```

Border

The CSS property to change the border of an element to Hex C0EA16 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
#C0EA16 }
```

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

```
.border{ border-color:#C0EA16 }
```

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

Here you see how a box with a 4 pixel #C0EA16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0EA16; -webkit-box-shadow:4px 4px  
4px 4px #C0EA16; box-shadow:4px 4px 4px  
4px #C0EA16 }
```

Background

The CSS property to change the background color of an element to Hex C0EA16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0EA16 }
```

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

```
.background{ background-color:#C0EA16 }
```

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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