

Converting Colors

Hex(C0EA4B)

Have a look what the booklet for
Hex(C0EA4B) contains.

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Color

Hex(C0EA4B)

Conversions

Conversions Part 1

Format	Color
Hex	C0EA4B
RGB	192, 234, 75
RGB Percent	75%, 92%, 29%
CMY	0.2471, 0.0824, 0.7059
CMYK	0.18, 0.00, 0.68, 0.08
HSL	76°, 79%, 61%
HSV	76°, 68%, 92%
XYZ	52.4310, 70.5601, 17.5127
YIQ	203.3160, 26.0070, -58.3530

Conversions

Conversions Part 2

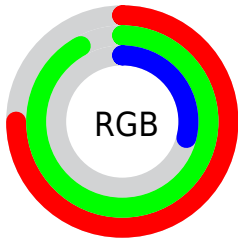
Format	Color
RYB	75, 234, 117
Decimal	12642891
CIELab	87.27, -35.07, 69.29
CIELCh	87, 77.656, 116.845
Yxy	70.5601, 0.3732, 0.5022
Android (android.graphics.Color)	4290832971 (0xFFC0EA4B)
YUV	203.3160, -63.2598, -9.9241
Hunter-Lab	84.0001, -35.5842, 46.4390

Details

The Hex color **C0EA4B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **754BEA**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FBFF84**, and **87B200** is the 20% darker color. If you saturate the color by 10%, you get **BAEA34**, and if you desaturate by 10%, it is **C6EA62**.

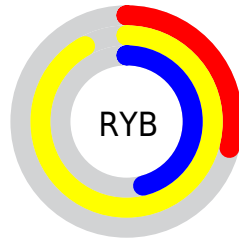
Distribution



Red (75%)

Green (92%)

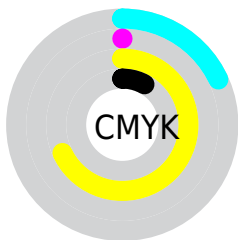
Blue (29%)



Red (29%)

Yellow (92%)

Blue (46%)

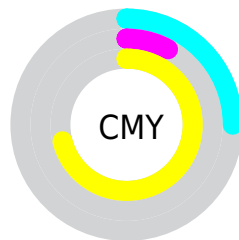


Cyan (18%)

Magenta (0%)

Yellow (68%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0EA4B 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 C0EA4B by changing the saturation by 10% instead.

 C0EA4B

 C0EA4B

FFFFFF

 A3CE2C

 FBFF84

 87B200

 FFFFA0

 6A9700

 FFFFBD

 4E7D00

 FFFFDA

 336400

 FFFFF7

 114C00

 003400

 002100

 000000

 C0EA4B

 C0EA4B

 BAEA34

 C6EA62

 B4EA1C

 CCEA7A

 ADEA05

 D3EA91

 ACEA00

 D9EAA9

 DFEAC0

 E5EAD7

 EB EAEF

 F1EAF F

 F8EAF F

Harmonies

Analogous

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



FFD439



C0EA4B



59F786

Triad

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



C0EA4B



00F6FF



FF96E6

Complementary

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



C0EA4B



754BEA

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.



FFABFF



C0EA4B



00E5FF

Square

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



C0EA4B



00FEFF



CECAFF



FF9D9C

Rectangle

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



C0EA4B



00FCB7



CECAFF



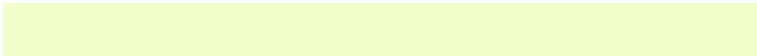
FF9BFE

Sweetspot

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



C0EA4B



F2FFCC



EA734B



778061



000000



808080

Same Dimension

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



C0EA4B



C8FF2E



73EA4B



72756A



85B500



273600

Inverse Universe

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



754BEA



652EFF



C24BEA



6D6A75



3000B5



0E0036

Previews

White Background



This preview shows how the Hex color C0EA4B 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 C0EA4B 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 C0EA4B Background



This preview shows how black text looks on a background with the Hex color C0EA4B.

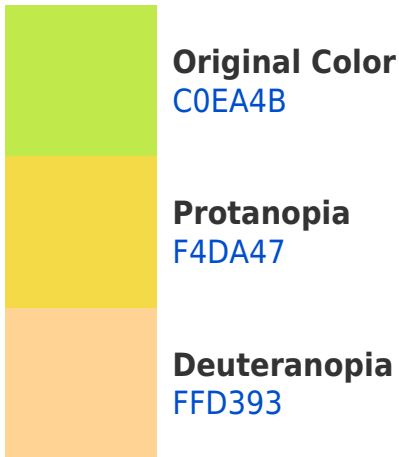


This preview shows how white text looks on a background with the Hex color C0EA4B.

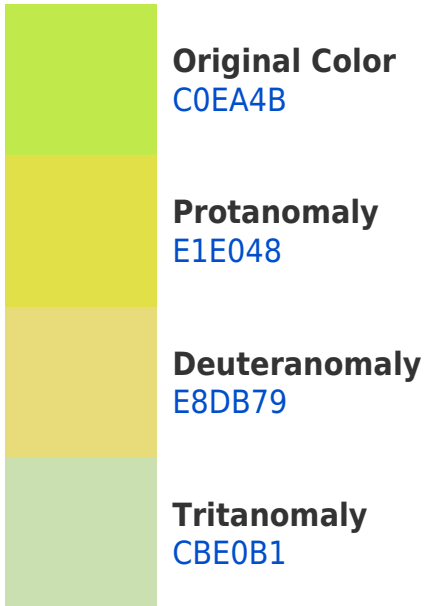
Color Blindness Simulation

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](#).

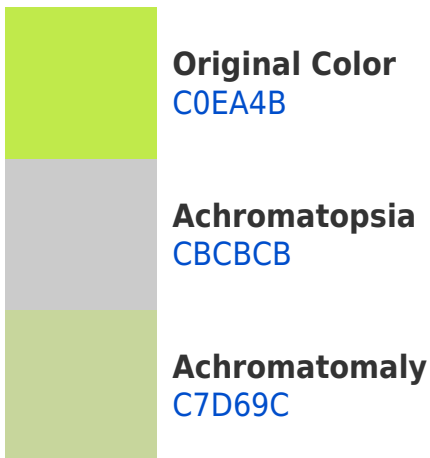
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0EA4B 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 #C0EA4B looks like.

```
.text, #text, p{  
    color:#C0EA4B  
}
```

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 #C0EA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0EA4B
}
```

Border

The CSS property to change the border of an element to Hex C0EA4B 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
#C0EA4B }
```

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

```
.border{ border-color:#C0EA4B }
```

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

Here you see how a box with a 4 pixel `#C0EA4B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0EA4B; -webkit-box-shadow:4px 4px  
4px 4px #C0EA4B; box-shadow:4px 4px 4px  
4px #C0EA4B }
```

Background

The CSS property to change the background color of an element to Hex C0EA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0EA4B }
```

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

```
.background{ background-color:#C0EA4B }
```

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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