

# Converting Colors

Hex(C2EA0C)

Have a look what the booklet for  
Hex(C2EA0C) contains.

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**Color**

**Hex(C2EA0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2EA0C
RGB	194, 234, 12
RGB Percent	76%, 92%, 5%
CMY	0.2392, 0.0824, 0.9529
CMYK	0.17, 0.00, 0.95, 0.08
HSL	71°, 90%, 48%
HSV	71°, 95%, 92%
XYZ	51.7373, 70.3415, 11.1983
YIQ	196.7320, 47.4220, -77.5220

# Conversions

## Conversions Part 2

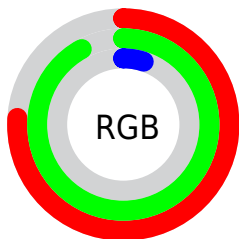
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 234, 52
Decimal	12773900
CIELab	87.16, -36.42, 84.16
CIELCh	87, 91.708, 113.401
Yxy	70.3415, 0.3882, 0.5278
Android (android.graphics.Color)	4290963980 (0xFFC2EA0C)
YUV	196.7320, -91.0729, -2.3960
Hunter-Lab	83.8698, -36.6598, 50.7925

# Details

The Hex color **C2EA0C** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **340CEA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5D**, and **87B200** is the 20% darker color. If you saturate the color by 10%, you get **C0EA00**, and if you desaturate by 10%, it is **C6EA23**.

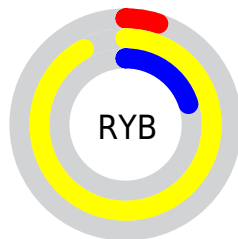
# Distribution



Red (76%)

Green (92%)

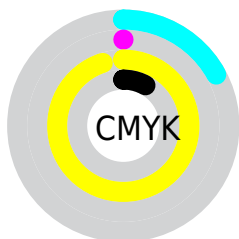
Blue (5%)



Red (5%)

Yellow (92%)

Blue (20%)

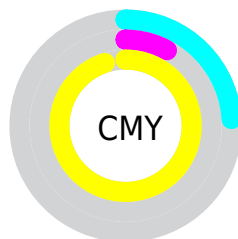


Cyan (17%)

Magenta (0%)

Yellow (95%)

Black (8%)



Cyan (24%)

Magenta (8%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2EA0C 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 C2EA0C by changing the saturation by 10% instead.



 C2EA0C

 C2EA0C

FFFFFF

 A4CE00

 FFFF5D

 87B200

 FFFF7B

 6A9700

 FFFF99

 4D7D00

 FFFFB7

 2F6400

 FFFFD4

 0B4C00

 FFFFF2

 003400

 002100

 000000

 C2EA0C

 C2EA0C

 C0EA00

 C6EA23

 CAEA3B

 CFEA52

 D3EA6A

 D7EA81

 DBEA98

 E0EAB0

 E4EAC7

 E8EADF

# Harmonies

## Analogous

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



FFD000



C2EA0C



40FA6B

# Triad

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



C2EA0C



00FCFF



FF82F2

# Complementary

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



C2EA0C



340CEA

# 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.



FFA3FF



C2EA0C



00EAFF

# Square

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



C2EA0C



00FFFF



B1CCFF



FF889B

# Rectangle

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



C2EA0C



00FFA5



B1CCFF



FF8AFF

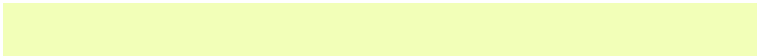


# Sweetspot

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



C2EA0C



F2FFB8



EA310C



788054



000000



808080



# Same Dimension

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



C2EA0C



D1FF00



56EA0C



73756A



94B500



2C3600



# Inverse Universe

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



340CEA



2E00FF



A00CEA



6C6A75



2100B5



0A0036



# Previews

## White Background



This preview shows how the Hex color C2EA0C looks on a white background.

## Color Contrast Check

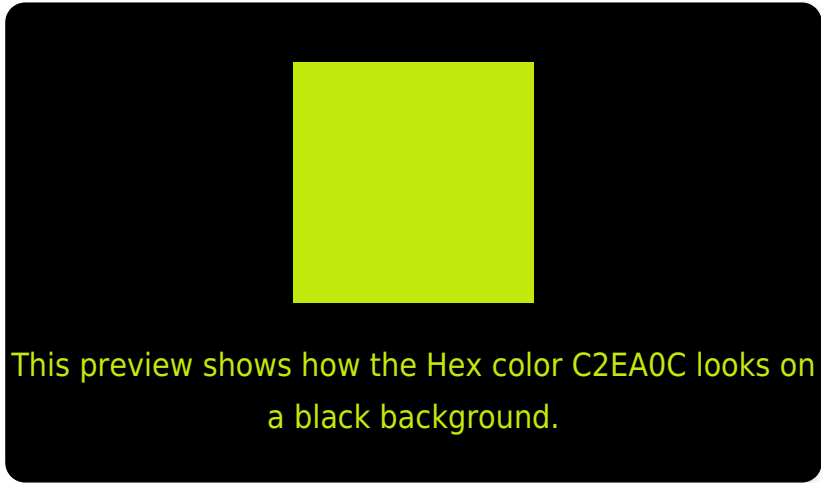
Large Text (above 18pt) WCAG AA × Fail

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 C2EA0C Background



This preview shows how black text looks on a background with the Hex color C2EA0C.

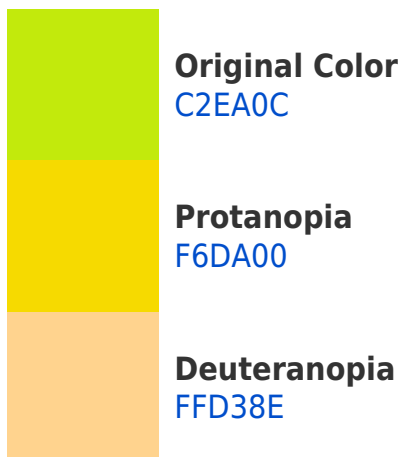


This preview shows how white text looks on a background with the Hex color C2EA0C.

# Color Blindness Simulation

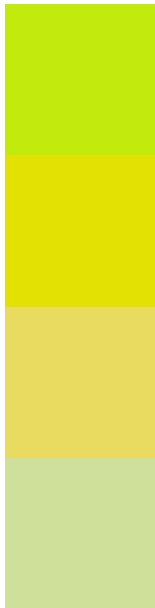
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C2EA0C

**Protanomaly**  
E3E004

**Deuteranomaly**  
E9DB5F

**Tritanomaly**  
CEE09A

# Monochromacy



**Original Color**  
C2EA0C

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C4D282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2EA0C 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 #C2EA0C looks like.

```
.text, #text, p{  
    color:#C2EA0C  
}
```

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 #C2EA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EA0C
}
```

## Border

The CSS property to change the border of an element to Hex C2EA0C 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
#C2EA0C }
```

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

```
.border{ border-color:#C2EA0C }
```

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

Here you see how a box with a 4 pixel #C2EA0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EA0C; -webkit-box-shadow:4px 4px  
4px 4px #C2EA0C; box-shadow:4px 4px 4px  
4px #C2EA0C }
```

# Background

The CSS property to change the background color of an element to Hex C2EA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EA0C }
```

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

```
.background{ background-color:#C2EA0C }
```

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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