

Converting Colors

Hex(C7EA00)

Have a look what the booklet for
Hex(C7EA00) contains.

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Color

Hex(C7EA00)

Conversions

Conversions Part 1

Format	Color
Hex	C7EA00
RGB	199, 234, 0
RGB Percent	78%, 92%, 0%
CMY	0.2196, 0.0824, 1.0000
CMYK	0.15, 0.00, 1.00, 0.08
HSL	69°, 100%, 46%
HSV	69°, 100%, 92%
XYZ	52.9760, 70.9878, 10.9099
YIQ	196.8590, 54.2540, -80.1940

Conversions

Conversions Part 2

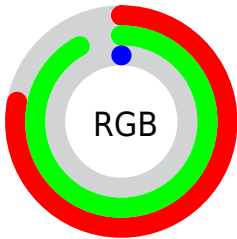
Format	Color
RYB	0, 234, 35
Decimal	13101568
CIELab	87.48, -34.55, 85.52
CIELCh	87, 92.234, 111.998
Yxy	70.9878, 0.3928, 0.5263
Android (android.graphics.Color)	4291291648 (0xFFC7EA00)
YUV	196.8590, -97.0515, 1.8777
Hunter-Lab	84.2542, -35.2106, 51.3006

Details

The Hex color **C7EA00** 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 **2300EA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5B**, and **8CB200** is the 20% darker color. If you saturate the color by 10%, you get **C7EA00**, and if you desaturate by 10%, it is **CBEA17**.

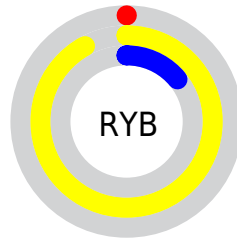
Distribution



Red (78%)

Green (92%)

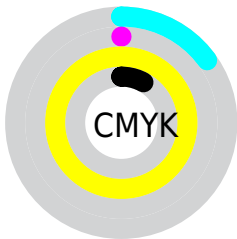
Blue (0%)



Red (0%)

Yellow (92%)

Blue (14%)

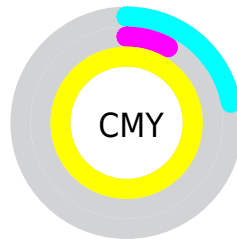


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (22%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7EA00 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 C7EA00 by changing the saturation by 10% instead.

 C7EA00

 C7EA00

FFFFFF

 A9CE00

 FFFF5B

 8CB200

 FFFF79

 6F9700

 FFFF97

 527D00

 FFFFB4

 346400

 FFFFD2

 144C00

 FFFFF0

 003500

 002100

 000000

 C7EA00

 CBEA17

 CEEA2F

 D2EA46

 D5EA5E

 D9EA75

 DCEA8C

 E0EAA4

 E3EABB

 E7EAD3

Harmonies

Analogous

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



F0CF00



C7EA00



4AFA67

Triad

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



C7EA00



00DFFF



FF83F7

Complementary

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



C7EA00



2300EA

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.



FFA5FF



C7EA00



00EDFF

Square

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



C7EA00



00FFFF



A9CEFF



FF879F

Rectangle

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



C7EA00



00FFA2



A9CEFF



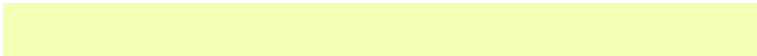
FF8CFF

Sweetspot

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



C7EA00



F4FFB3



EA1F00



798052



000000



808080

Same Dimension

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



C7EA00



D9FF00



56EA00



74756A



9AB500



2E3600

Inverse Universe

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



2300EA



2600FF



9400EA



6B6A75



1B00B5



080036

Previews

White Background



This preview shows how the Hex color C7EA00 looks on a white background.

Color Contrast Check

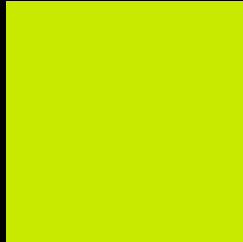
Large Text (above 18pt) WCAG AA × Fail

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 C7EA00 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 C7EA00 Background



This preview shows how black text looks on a background with the Hex color C7EA00.

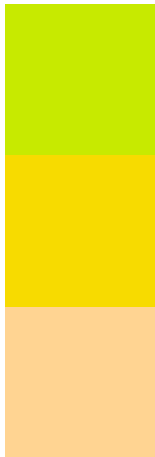


This preview shows how white text looks on a background with the Hex color C7EA00.

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
C7EA00

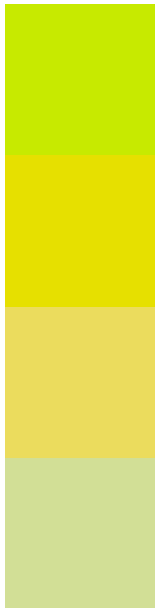
Protanopia
F7DB00

Deuteranopia
FFD492



Tritanopia
D9D9EB

Trichromacy



Original Color
C7EA00

Protanomaly
E6E000

Deuteranomaly
EBDC5D

Tritanomaly
D2DF96

Monochromacy



Original Color
C7EA00

Achromatopsia
C5C5C5

Achromatomaly
C6D27D

CSS Examples

Text

The CSS property to change the color of the text to Hex C7EA00 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 #C7EA00 looks like.

```
.text, #text, p{  
    color:#C7EA00  
}
```

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 #C7EA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7EA00
}
```

Border

The CSS property to change the border of an element to Hex C7EA00 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
#C7EA00 }
```

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

```
.border{ border-color:#C7EA00 }
```

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

Here you see how a box with a 4 pixel #C7EA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7EA00; -webkit-box-shadow:4px 4px  
4px 4px #C7EA00; box-shadow:4px 4px 4px  
4px #C7EA00 }
```

Background

The CSS property to change the background color of an element to Hex C7EA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7EA00 }
```

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

```
.background{ background-color:#C7EA00 }
```

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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