

Converting Colors

Hex(C2EE00)

Have a look what the booklet for
Hex(C2EE00) contains.

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Color

Hex(C2EE00)

Conversions

Conversions Part 1

Format	Color
Hex	C2EE00
RGB	194, 238, 0
RGB Percent	76%, 93%, 0%
CMY	0.2392, 0.0667, 1.0000
CMYK	0.18, 0.00, 1.00, 0.07
HSL	71°, 100%, 47%
HSV	71°, 100%, 93%
XYZ	52.8227, 72.6184, 11.2327
YIQ	197.7120, 50.1740, -83.3460

Conversions

Conversions Part 2

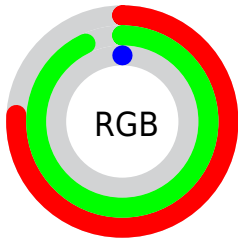
Format	Color
RYB	0, 238, 44
Decimal	12774912
CIELab	88.27, -38.34, 85.97
CIElCh	88, 94.128, 114.034
Yxy	72.6184, 0.3865, 0.5313
Android (android.graphics.Color)	4290964992 (0xFFC2EE00)
YUV	197.7120, -97.4720, -3.2554
Hunter-Lab	85.2164, -38.4829, 51.8363

Details

The Hex color **C2EE00** 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 **2C00EE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF5B**, and **87B600** is the 20% darker color. If you saturate the color by 10%, you get **C2EE00**, and if you desaturate by 10%, it is **C6EE18**.

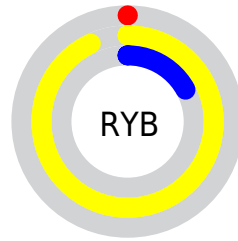
Distribution



Red (76%)

Green (93%)

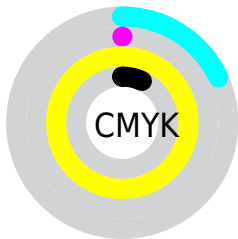
Blue (0%)



Red (0%)

Yellow (93%)

Blue (17%)

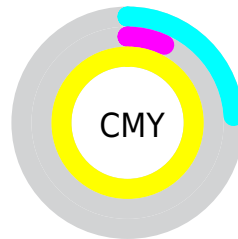


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2EE00 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 C2EE00 by changing the saturation by 10% instead.

 C2EE00

 C2EE00

FFFFFF

 A4D200

 FFFF5B

 87B600

 FFFF7A

 6A9B00

 FFFF98

 4D8100

 FFFFB5

 2E6700

 FFFFD3

 064F00

 FFFFF1

 003700

 002300

 000000

 C2EE00

 C6EE18

 CBEE30

 CFEE47

 D4EE5F

 D8EE77

 DCEE8F

 E1EEA7

 E5EEBE

 EAEED6

Harmonies

Analogous

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



FFD300



C2EE00



34FE6C

Triad

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



C2EE00



00FFFF



FF81F3

Complementary

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



C2EE00



2C00EE

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



C2EE00



00EEFF

Square

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



C2EE00



00FFFF



B6CFFF



FF889A

Rectangle

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



C2EE00



00FFA9



B6CDFF



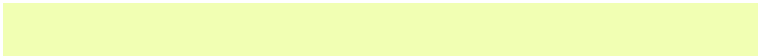
FF89FF

Sweetspot

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



C2EE00



F1FFB3



EE2C00



778052



000000



808080

Same Dimension

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



C2EE00



D0FF00



4BEE00



76786C



96B800



2E3800

Inverse Universe

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



2C00EE



2F00FF



A300EE



6E6C78



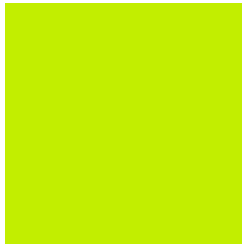
2200B8



0A0038

Previews

White Background



This preview shows how the Hex color C2EE00 looks on a white background.

Color Contrast Check

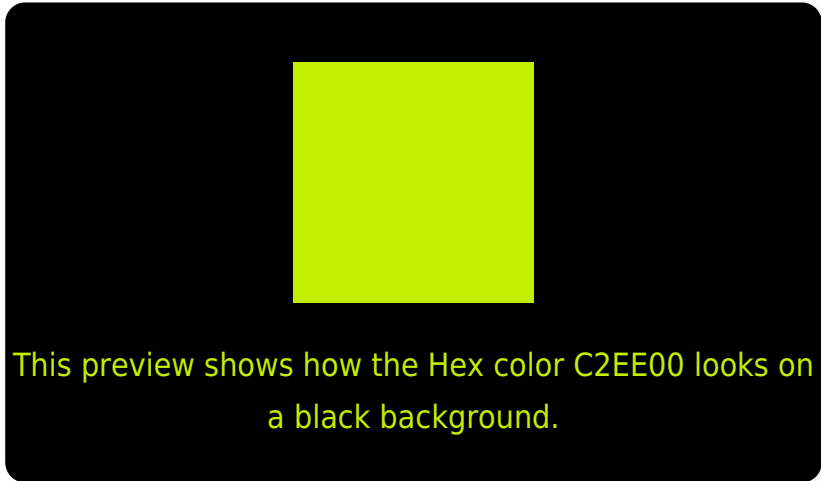
Large Text (above 18pt) WCAG AA × Fail

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 C2EE00 Background



This preview shows how black text looks on a background with the Hex color C2EE00.

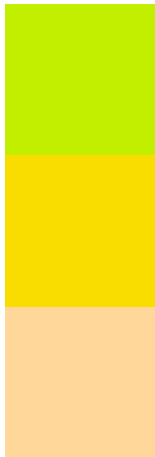


This preview shows how white text looks on a background with the Hex color C2EE00.

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
C2EE00

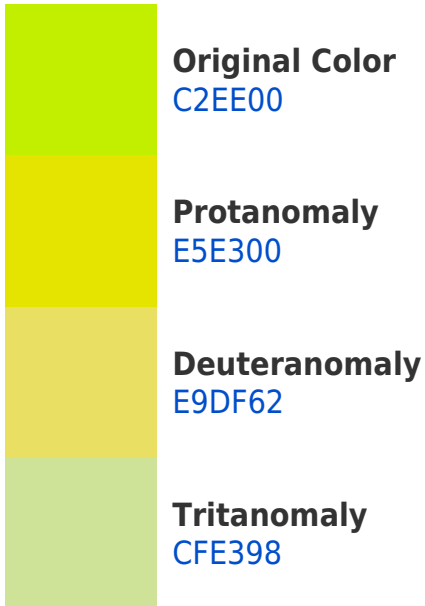
Protanopia
F9DD00

Deuteranopia
FFD79A

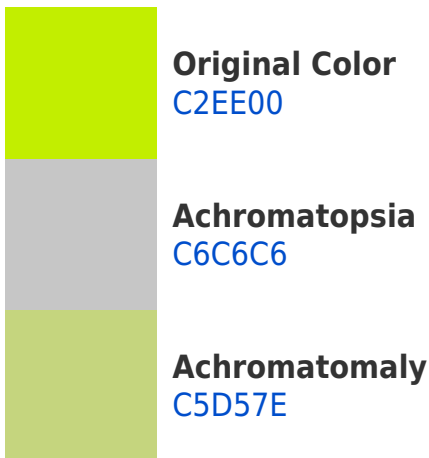


Tritanopia
D6DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2EE00 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 #C2EE00 looks like.

```
.text, #text, p{  
    color:#C2EE00  
}
```

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 #C2EE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EE00
}
```

Border

The CSS property to change the border of an element to Hex C2EE00 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
#C2EE00 }
```

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

```
.border{ border-color:#C2EE00 }
```

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

Here you see how a box with a 4 pixel #C2EE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EE00; -webkit-box-shadow:4px 4px  
4px 4px #C2EE00; box-shadow:4px 4px 4px  
4px #C2EE00 }
```

Background

The CSS property to change the background color of an element to Hex C2EE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EE00 }
```

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

```
.background{ background-color:#C2EE00 }
```

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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