

Converting Colors

Hex(C2ED00)

Have a look what the booklet for
Hex(C2ED00) contains.

Hex(C2ED00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2ED00)

Conversions

Conversions Part 1

Format	Color
Hex	C2ED00
RGB	194, 237, 0
RGB Percent	76%, 93%, 0%
CMY	0.2392, 0.0706, 1.0000
CMYK	0.18, 0.00, 1.00, 0.07
HSL	71°, 100%, 46%
HSV	71°, 100%, 93%
XYZ	52.5323, 72.0377, 11.1359
YIQ	197.1250, 50.4490, -82.8230

Conversions

Conversions Part 2

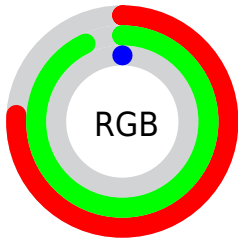
Format	Color
RYB	0, 237, 43
Decimal	12774656
CIELab	87.99, -37.89, 85.76
CIElCh	88, 93.754, 113.837
Yxy	72.0377, 0.3871, 0.5308
Android (android.graphics.Color)	4290964736 (0xFFC2ED00)
YUV	197.1250, -97.1826, -2.7406
Hunter-Lab	84.8750, -38.0510, 51.6334

Details

The Hex color **C2ED00** 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 **2B00ED**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5B**, and **87B500** is the 20% darker color. If you saturate the color by 10%, you get **C2ED00**, and if you desaturate by 10%, it is **C6ED18**.

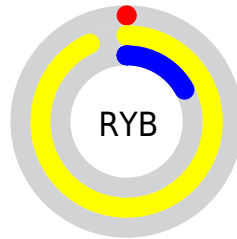
Distribution



Red (76%)

Green (93%)

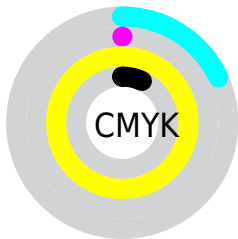
Blue (0%)



Red (0%)

Yellow (93%)

Blue (17%)

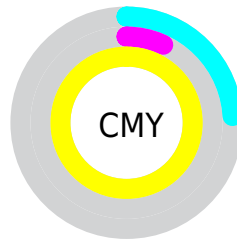


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2ED00 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 C2ED00 by changing the saturation by 10% instead.

 C2ED00

 C2ED00

FFFFFF

 A4D100

 FFFF5B

 87B500

 FFFF7A

 6A9A00

 FFFF97

 4D8000

 FFFFB5

 2E6700

 FFFFD3

 074E00

 FFFFF1

 003700

 002300

 000000

 C2ED00

 C6ED18

 CBED2F

 CFED47

 D3ED5F

 D7ED76

 DCED8E

 E0EDA6

 E4EDBE

 E9EDD5

Harmonies

Analogous

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



FFD200



C2ED00



36FD6C

Triad

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



C2ED00



00FFFF



FF81F3

Complementary

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



C2ED00



2B00ED

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



C2ED00



00EDFF

Square

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



C2ED00



00FFFF



B5CFFF



FF889A

Rectangle

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



C2ED00



00FFA8



B5CDFF



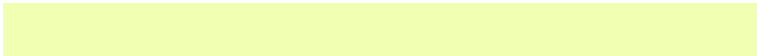
FF89FF

Sweetspot

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



C2ED00



F1FFB3



ED2700



778052



000000



808080

Same Dimension

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



C2ED00



D1FF00



4FED00



73756A



94B500



2C3600

Inverse Universe

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



2B00ED



2E00FF



9E00ED



6C6A75



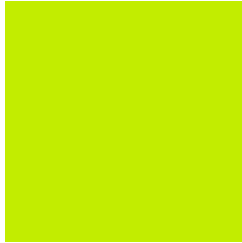
2100B5



0A0036

Previews

White Background



This preview shows how the Hex color C2ED00 looks on a white background.

Color Contrast Check

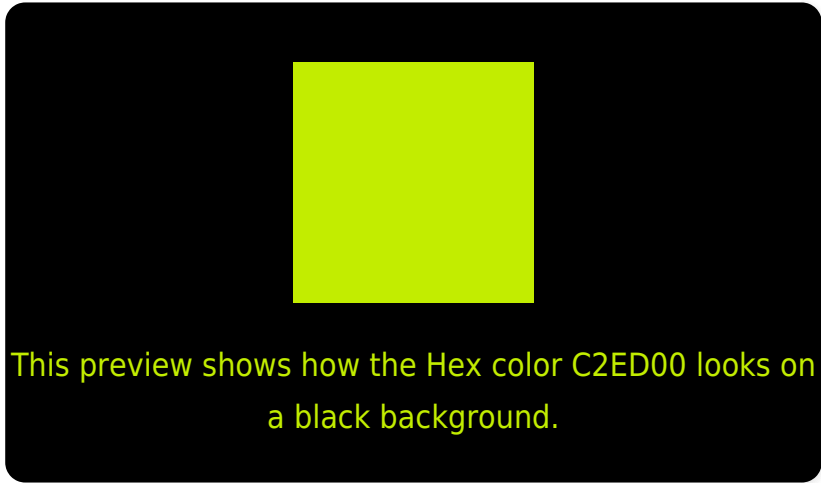
Large Text (above 18pt) WCAG AA × Fail

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 C2ED00 Background



This preview shows how black text looks on a background with the Hex color C2ED00.

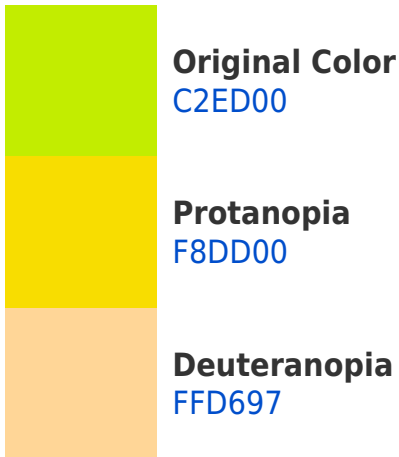


This preview shows how white text looks on a background with the Hex color C2ED00.

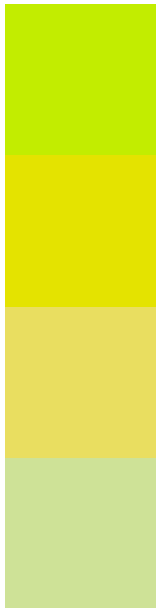
Color Blindness Simulation

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
C2ED00

Protanomaly
E4E300

Deuteranomaly
E9DE60

Tritanomaly
CEE297

Monochromacy



Original Color
C2ED00

Achromatopsia
C5C5C5

Achromatomaly
C4D47D

CSS Examples

Text

The CSS property to change the color of the text to Hex C2ED00 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 #C2ED00 looks like.

```
.text, #text, p{  
    color:#C2ED00  
}
```

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 #C2ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2ED00  
}
```

Border

The CSS property to change the border of an element to Hex C2ED00 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  
#C2ED00 }
```

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

```
.border{ border-color:#C2ED00 }
```

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

Here you see how a box with a 4 pixel #C2ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2ED00; -webkit-box-shadow:4px 4px  
4px 4px #C2ED00; box-shadow:4px 4px 4px  
4px #C2ED00 }
```

Background

The CSS property to change the background color of an element to Hex C2ED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2ED00 }
```

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

```
.background{ background-color:#C2ED00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor