

Converting Colors

Hex(C8ED00)

Have a look what the booklet for
Hex(C8ED00) contains.

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Color

Hex(C8ED00)

Conversions

Conversions Part 1

Format	Color
Hex	C8ED00
RGB	200, 237, 0
RGB Percent	78%, 93%, 0%
CMY	0.2157, 0.0706, 1.0000
CMYK	0.16, 0.00, 1.00, 0.07
HSL	69°, 100%, 46%
HSV	69°, 100%, 93%
XYZ	54.1036, 72.8477, 11.2095
YIQ	198.9190, 54.0250, -81.5510

Conversions

Conversions Part 2

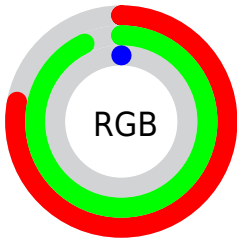
Format	Color
RYB	0, 237, 37
Decimal	13167872
CIELab	88.38, -35.51, 86.22
CIElCh	88, 93.248, 112.385
Yxy	72.8477, 0.3916, 0.5273
Android (android.graphics.Color)	4291357952 (0xFFC8ED00)
YUV	198.9190, -98.0671, 0.9480
Hunter-Lab	85.3509, -36.2136, 51.9588

Details

The Hex color **C8ED00** 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 **2500ED**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF5B**, and **8DB500** is the 20% darker color. If you saturate the color by 10%, you get **C8ED00**, and if you desaturate by 10%, it is **CCED18**.

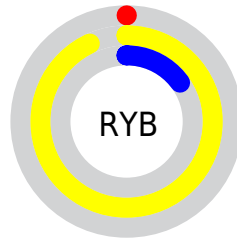
Distribution



Red (78%)

Green (93%)

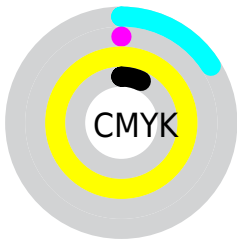
Blue (0%)



Red (0%)

Yellow (93%)

Blue (15%)

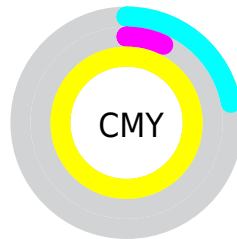


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (22%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8ED00 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 C8ED00 by changing the saturation by 10% instead.

 C8ED00

 C8ED00


FFFFFF

 AAD100

 FFFF5B

 8DB500

 FFFF7A

 709A00

 FFFF98

 538000

 FFFFB5

 356700

 FFFFD3

 144E00

 FFFFF1

 003700

 002400

 000000

 C8ED00

 CCED18

 CFED2F

 D3ED47

 D7ED5F

 DBED76

 DEED8E

 E2EDA6

 E6EDBE

 E9EDD5

Harmonies

Analogous

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



FFD200



C8ED00



47FD69

Triad

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



C8ED00



00FFFF



FF84F8

Complementary

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



C8ED00



2500ED

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.



FFA6FF



C8ED00



00EFFF

Square

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



C8ED00



00FFFF



ADD0FF



FF89A0

Rectangle

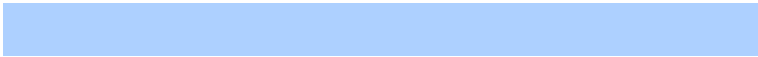
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C8ED00



00FFA5



ADD0FF



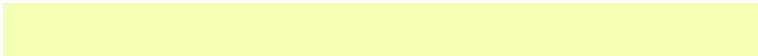
FF8DFF

Sweetspot

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



C8ED00



F3FFB3



ED2400



788052



000000



808080

Same Dimension

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



C8ED00



D7FF00



53ED00



73756A



99B500



2D3600

Inverse Universe

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



2500ED



2800FF



9A00ED



6B6A75



1C00B5



080036

Previews

White Background



This preview shows how the Hex color C8ED00 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 C8ED00 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 C8ED00 Background



This preview shows how black text looks on a background with the Hex color C8ED00.

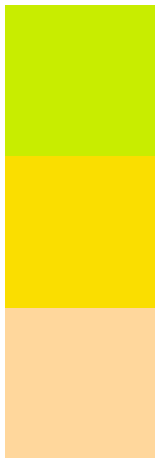


This preview shows how white text looks on a background with the Hex color C8ED00.

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

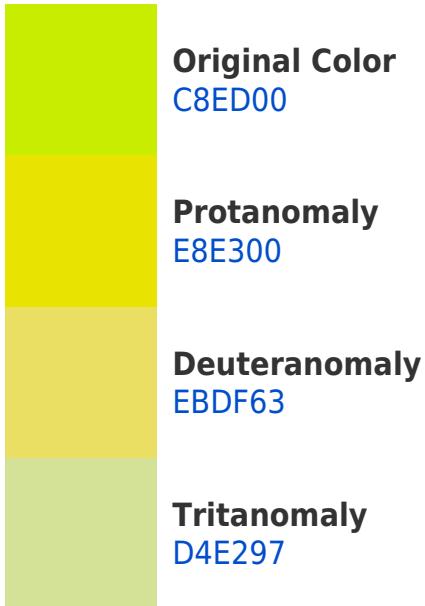


Original Color
C8ED00

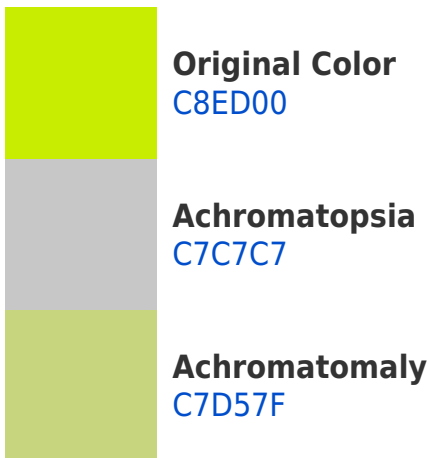
Protanopia
FADE00

Deuteranopia
FFD79C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8ED00 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 #C8ED00 looks like.

```
.text, #text, p{  
    color:#C8ED00  
}
```

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 #C8ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8ED00
}
```

Border

The CSS property to change the border of an element to Hex C8ED00 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
#C8ED00 }
```

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

```
.border{ border-color:#C8ED00 }
```

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

Here you see how a box with a 4 pixel #C8ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8ED00; -webkit-box-shadow:4px 4px  
4px 4px #C8ED00; box-shadow:4px 4px 4px  
4px #C8ED00 }
```

Background

The CSS property to change the background color of an element to Hex C8ED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8ED00 }
```

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

```
.background{ background-color:#C8ED00 }
```

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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