

Converting Colors

Hex(83CE00)

Have a look what the booklet for
Hex(83CE00) contains.

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Color

Hex(83CE00)

Conversions

Conversions Part 1

Format	Color
Hex	83CE00
RGB	131, 206, 0
RGB Percent	51%, 81%, 0%
CMY	0.4863, 0.1922, 1.0000
CMYK	0.36, 0.00, 1.00, 0.19
HSL	82°, 100%, 40%
HSV	82°, 100%, 81%
XYZ	31.4314, 48.9679, 7.7951
YIQ	160.0910, 21.4260, -79.9660

Conversions

Conversions Part 2

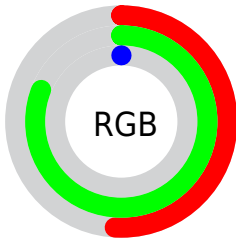
Format	Color
RYB	0, 206, 75
Decimal	8637952
CIELab	75.43, -48.34, 74.59
CIELCh	75, 88.887, 122.944
Yxy	48.9679, 0.3564, 0.5552
Android (android.graphics.Color)	4286828032 (0xFF83CE00)
YUV	160.0910, -78.9249, -25.5128
Hunter-Lab	69.9771, -42.2836, 42.3793

Details

The Hex color **83CE00** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4B00CE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BEFF53**, and **489700** is the 20% darker color. If you saturate the color by 10%, you get **83CE00**, and if you desaturate by 10%, it is **8BCE15**.

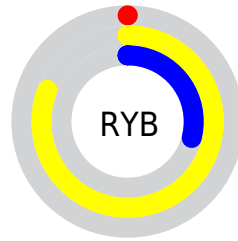
Distribution



Red (51%)

Green (81%)

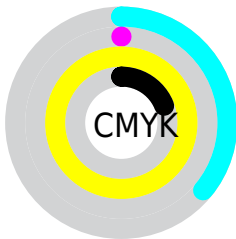
Blue (0%)



Red (0%)

Yellow (81%)

Blue (29%)

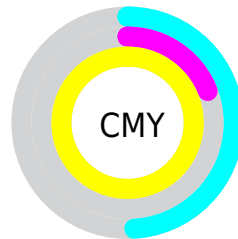


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (49%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CE00 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 83CE00 by changing the saturation by 10% instead.

 83CE00

 83CE00

FFFFFF

 66B200

 BEFF53

 489700

 DCFF70

 277D00

 FAFF8D

 006300

 FFFFAA

 004A00

 FFFFC7

 003300

 FFFF E5

 001B00

 000000

 83CE00

 8BCE15

 92CE29

 9ACE3E

 A1CE52

 A9CE67

 B0CE7C

 B8CE90

 BFCEA5

 C7CEB9

Harmonies

Analogous

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



D7B900



83CE00



00DA6A

Triad

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



83CE00



00D5FF



FF5DB5

Complementary

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



83CE00



4B00CE

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.



FF76FF



83CE00



00C1FF

Square

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



83CE00



00DEFF



C1A0FF



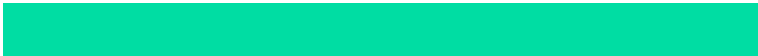
FF7266

Rectangle

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



83CE00



00DDA3



C1A0FF



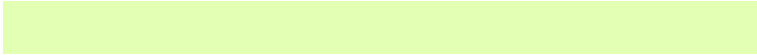
FF61D1

Sweetspot

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



83CE00



E3FFB3



CE4800



6F8052



000000



808080

Same Dimension

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



83CE00



A2FF00



1FCE00



62665C



69A600



182600

Inverse Universe

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



4B00CE



5D00FF



AF00CE



605C66



3C00A6



0E0026

Previews

White Background



This preview shows how the Hex color 83CE00 looks on a white background.

Color Contrast Check

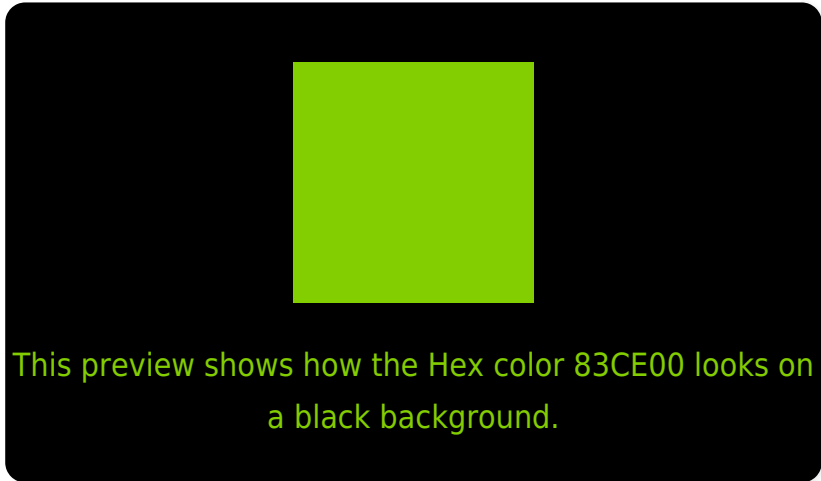
Large Text (above 18pt) WCAG AA × Fail

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 83CE00 Background



This preview shows how black text looks on a background with the Hex color 83CE00.

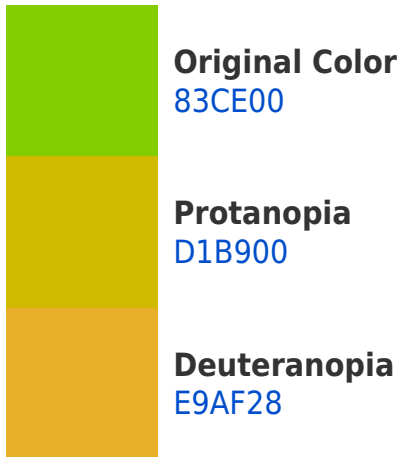


This preview shows how white text looks on a background with the Hex color 83CE00.

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](#).

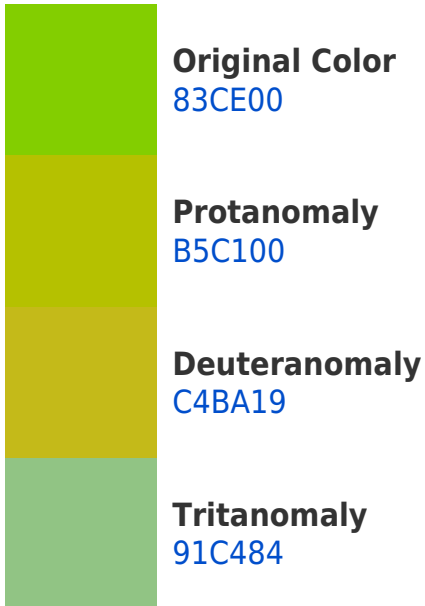
Dichromacy



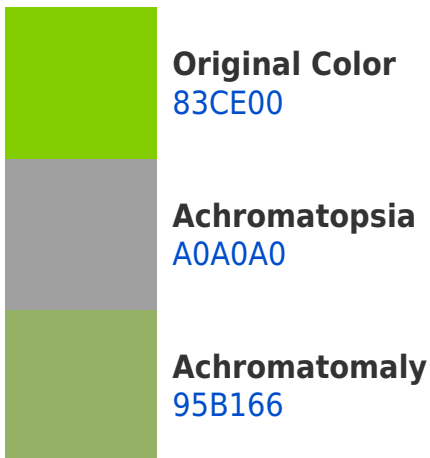


Tritanopia
99BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CE00 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 #83CE00 looks like.

```
.text, #text, p{  
    color:#83CE00  
}
```

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 #83CE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CE00
}
```

Border

The CSS property to change the border of an element to Hex 83CE00 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
#83CE00 }
```

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

```
.border{ border-color:#83CE00 }
```

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

Here you see how a box with a 4 pixel #83CE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CE00; -webkit-box-shadow:4px 4px  
4px 4px #83CE00; box-shadow:4px 4px 4px  
4px #83CE00 }
```

Background

The CSS property to change the background color of an element to Hex 83CE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CE00 }
```

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

```
.background{ background-color:#83CE00 }
```

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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