

Converting Colors

Hex(84CC00)

Have a look what the booklet for
Hex(84CC00) contains.

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Color

Hex(84CC00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 84CC00 |
| RGB | 132, 204, 0 |
| RGB Percent | 52%, 80%, 0% |
| CMY | 0.4824, 0.2000, 1.0000 |
| CMYK | 0.35, 0.00, 1.00, 0.20 |
| HSL | 81°, 100%, 40% |
| HSV | 81°, 100%, 80% |
| XYZ | 31.1086, 48.0913, 7.6430 |
| YIQ | 159.2160, 22.5720, -78.7080 |

Conversions

Conversions Part 2

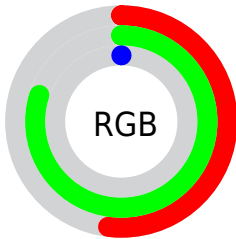
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 204, 72 |
| Decimal | 8702976 |
| CIELab | 74.88, -47.16, 74.19 |
| CIELCh | 75, 87.912, 122.442 |
| Yxy | 48.0913, 0.3582, 0.5538 |
| Android (android.graphics.Color) | 4286893056 (0xFF84CC00) |
| YUV | 159.2160, -78.4935, -23.8684 |
| Hunter-Lab | 69.3479, -41.2859, 42.0091 |

Details

The Hex color **84CC00** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4800CC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFFF53**, and **499500** is the 20% darker color. If you saturate the color by 10%, you get **84CC00**, and if you desaturate by 10%, it is **8BCC14**.

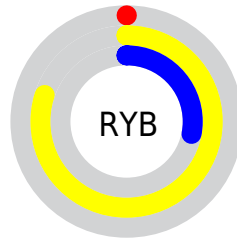
Distribution



Red (52%)

Green (80%)

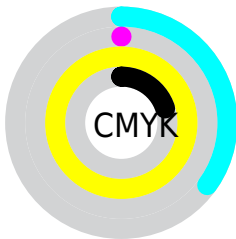
Blue (0%)



Red (0%)

Yellow (80%)

Blue (28%)

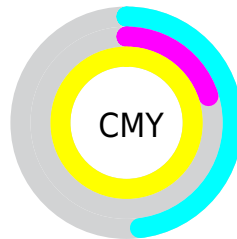


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CC00 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 84CC00 by changing the saturation by 10% instead.

 84CC00

 84CC00

FFFFFF

 67B000

 BFFF53

 499500

 DCFF70

 297B00

 FBFF8D

 006100

 FFFFAA

 004900

 FFFFC7

 003200

 FFFF E4

 001A00

 000000

 84CC00

 8BCC14

 92CC29

 9ACC3D

 A1CC52

 A8CC66

 AFCC7A

 B6CC8F

 BECCA3

 C5CCB8

Harmonies

Analogous

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



D7B700



84CC00



00D868

Triad

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



84CC00



00D4FF



FF5DB5

Complementary

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



84CC00



4800CC

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



84CC00



00C0FF

Square

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



84CC00



00DCFF



BD9FFF



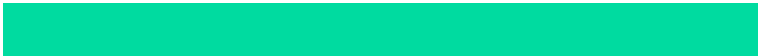
FF7166

Rectangle

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



84CC00



00DBA0



BD9FFF



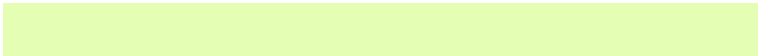
FF61D0

Sweetspot

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



84CC00



E4FFB3



CC4700



6F8052



000000



808080

Same Dimension

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



84CC00



A5FF00



1FCC00



62665C



6BA600



192600

Inverse Universe

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



4800CC



5A00FF



AD00CC



5F5C66



3A00A6



0D0026

Previews

White Background



This preview shows how the Hex color 84CC00 looks on a white background.

Color Contrast Check

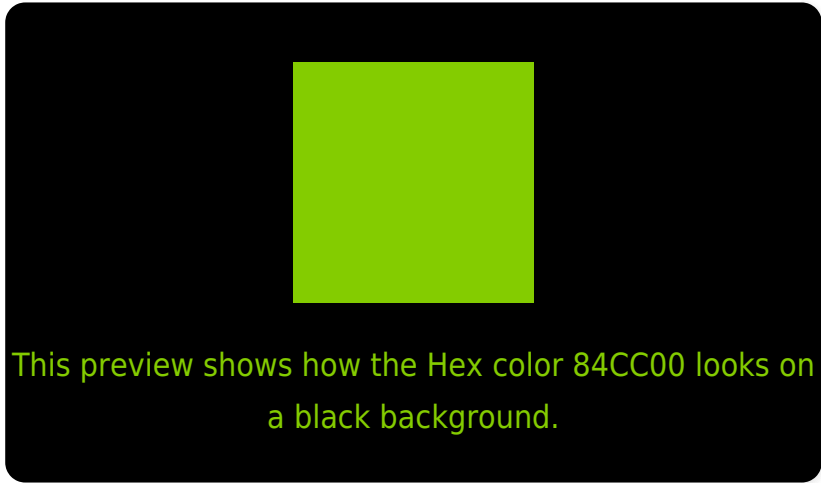
Large Text (above 18pt) WCAG AA × Fail

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 84CC00 Background



This preview shows how black text looks on a background with the Hex color 84CC00.

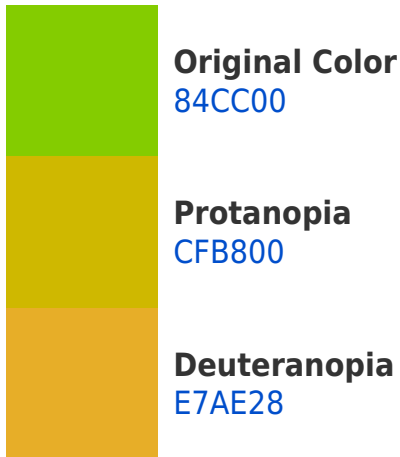


This preview shows how white text looks on a background with the Hex color 84CC00.

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
99BECD

Trichromacy



Original Color
84CC00

Protanomaly
B4BF00

Deuteranomaly
C3B919

Tritanomaly
91C382

Monochromacy



Original Color
84CC00

Achromatopsia
9F9F9F

Achromatomaly
95AF65

CSS Examples

Text

The CSS property to change the color of the text to Hex 84CC00 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 #84CC00 looks like.

```
.text, #text, p{  
    color:#84CC00  
}
```

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 #84CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CC00
}
```

Border

The CSS property to change the border of an element to Hex 84CC00 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
#84CC00 }
```

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

```
.border{ border-color:#84CC00 }
```

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

Here you see how a box with a 4 pixel #84CC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CC00; -webkit-box-shadow:4px 4px  
4px 4px #84CC00; box-shadow:4px 4px 4px  
4px #84CC00 }
```

Background

The CSS property to change the background color of an element to Hex 84CC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CC00 }
```

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

```
.background{ background-color:#84CC00 }
```

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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