

Converting Colors

Hex(84CC3C)

Have a look what the booklet for
Hex(84CC3C) contains.

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Color

Hex(84CC3C)

Conversions

Conversions Part 1

Format	Color
Hex	84CC3C
RGB	132, 204, 60
RGB Percent	52%, 80%, 24%
CMY	0.4824, 0.2000, 0.7647
CMYK	0.35, 0.00, 0.71, 0.20
HSL	90°, 59%, 52%
HSV	90°, 71%, 80%
XYZ	31.9242, 48.4175, 11.9379
YIQ	166.0560, 3.3120, -60.0480

Conversions

Conversions Part 2

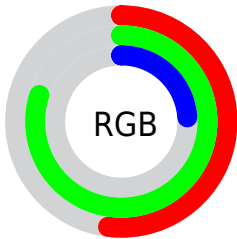
Format	Color
RYB	60, 204, 132
Decimal	8703036
CIELab	75.09, -45.06, 61.32
CIELCh	75, 76.097, 126.307
Yxy	48.4175, 0.3460, 0.5247
Android (android.graphics.Color)	4286893116 (0xFF84CC3C)
YUV	166.0560, -52.2856, -29.8671
Hunter-Lab	69.5827, -39.8748, 38.5358

Details

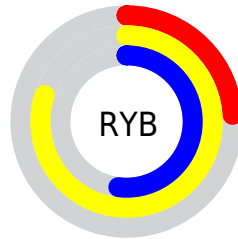
The Hex color **84CC3C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **843CCC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BDFF73**, and **4B9500** is the 20% darker color. If you saturate the color by 10%, you get **7ACC28**, and if you desaturate by 10%, it is **8ECC50**.

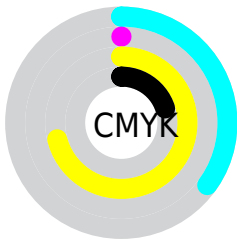
Distribution



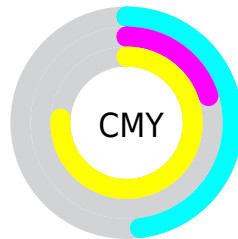
- Red (52%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (71%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CC3C 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 84CC3C by changing the saturation by 10% instead.



84CC3C



84CC3C

FFFFFF



68B01C



BDF73



4B9500



DBFF8F



2D7B00



F8FFAB



046100



FFFFC8



004900



FFFFE5



003200



001A00



000000



84CC3C



84CC3C

 7ACC28

 8ECC50

 70CC13

 98CC65

 66CC00

 A3CC79

 ADCC8E

 B7CCA2

 C1CCB6

 CBCCCB

 D6CCDF

 E0CCF4

Harmonies

Analogous

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



CEBA09



84CC3C



00D67D

Triad

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



84CC3C



00CFFF



FF73AD

Complementary

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



84CC3C



843CCC

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.



FF80F3



84CC3C



00BCFF

Square

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



84CC3C



00D8FF



CEA0FF



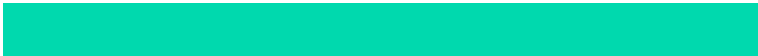
FF836A

Rectangle

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



84CC3C



00D9AE



CEA0FF



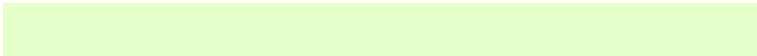
FF74C5

Sweetspot

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



84CC3C



E4FFC9



CC843C



708060



000000



808080

Same Dimension

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



84CC3C



93FF26



3CCC3C



61665C



53A600



132600

Inverse Universe

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



843CCC



9326FF



CC3CCC



615C66



5300A6



130026

Previews

White Background



This preview shows how the Hex color 84CC3C looks on a white background.

Color Contrast Check

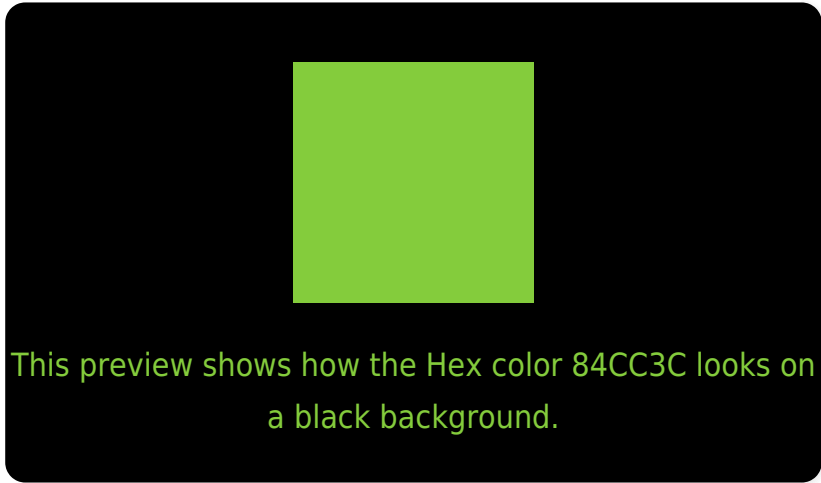
Large Text (above 18pt) WCAG AA × Fail

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 84CC3C Background



This preview shows how black text looks on a background with the Hex color 84CC3C.

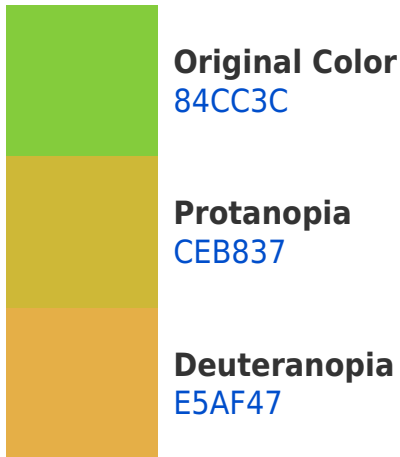


This preview shows how white text looks on a background with the Hex color 84CC3C.

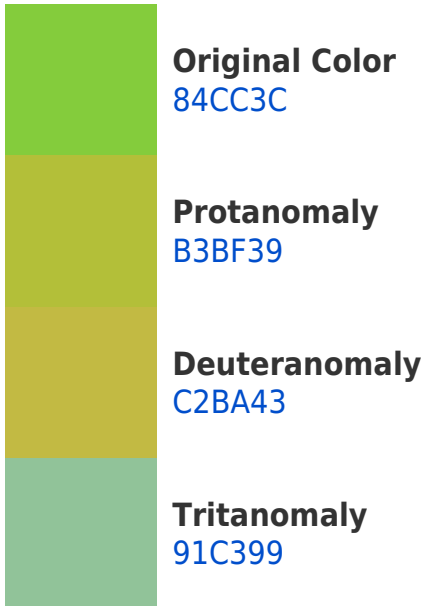
Color Blindness Simulation

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](#).

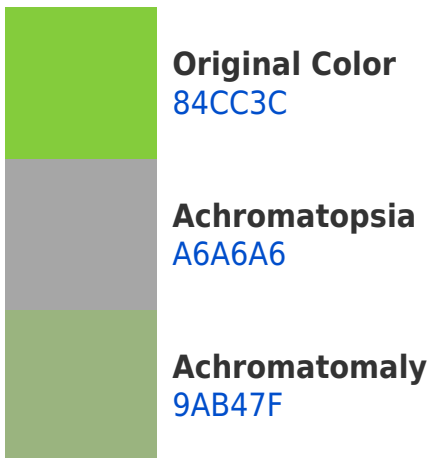
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CC3C 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 #84CC3C looks like.

```
.text, #text, p{  
    color:#84CC3C  
}
```

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 #84CC3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CC3C
}
```

Border

The CSS property to change the border of an element to Hex 84CC3C 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
#84CC3C }
```

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

```
.border{ border-color:#84CC3C }
```

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

Here you see how a box with a 4 pixel #84CC3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CC3C; -webkit-box-shadow:4px 4px  
4px 4px #84CC3C; box-shadow:4px 4px 4px  
4px #84CC3C }
```

Background

The CSS property to change the background color of an element to Hex 84CC3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CC3C }
```

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

```
.background{ background-color:#84CC3C }
```

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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