

Converting Colors

Hex(83CD3C)

Have a look what the booklet for
Hex(83CD3C) contains.

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Color

Hex(83CD3C)

Conversions

Conversions Part 1

Format	Color
Hex	83CD3C
RGB	131, 205, 60
RGB Percent	51%, 80%, 24%
CMY	0.4863, 0.1961, 0.7647
CMYK	0.36, 0.00, 0.71, 0.20
HSL	91°, 59%, 52%
HSV	91°, 71%, 80%
XYZ	32.0070, 48.8142, 12.0101
YIQ	166.3440, 2.4410, -60.7830

Conversions

Conversions Part 2

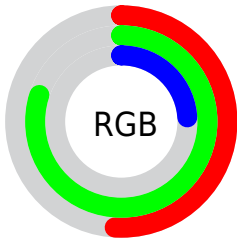
Format	Color
RYB	60, 205, 134
Decimal	8637756
CIELab	75.34, -45.83, 61.56
CIELCh	75, 76.744, 126.666
Yxy	48.8142, 0.3448, 0.5258
Android (android.graphics.Color)	4286827836 (0xFF83CD3C)
YUV	166.3440, -52.4276, -30.9967
Hunter-Lab	69.8671, -40.4944, 38.7151

Details

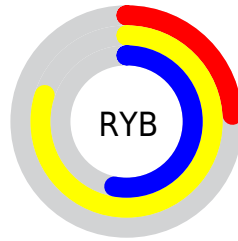
The Hex color **83CD3C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **863CCD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BCFF74**, and **4A9600** is the 20% darker color. If you saturate the color by 10%, you get **79CD27**, and if you desaturate by 10%, it is **8DCD51**.

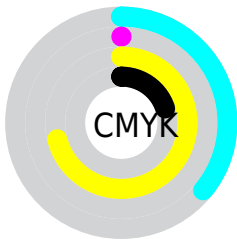
Distribution



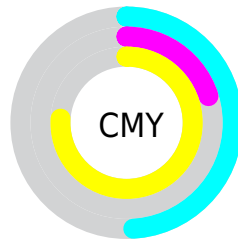
- Red (51%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (71%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CD3C 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 83CD3C by changing the saturation by 10% instead.

 83CD3C

 83CD3C

FFFFFF

 67B11C

 BCFF74

 4A9600

 DAFF8F

 2B7C00

 F8FFAB

 006200

 FFFFC8

 004A00

 FFFF E5

 003200

 001B00

 000000

 83CD3C

 83CD3C

 79CD27

 8DCD51

 6ECD13

 98CD65

 64CD00

 A2CD7A

 ADCD8E

 B7CDA3

 C2CDB7

 CCCDCC

 D7CDE0

 E1CDF5

Harmonies

Analogous

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



CEBB06



83CD3C



00D77E

Triad

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



83CD3C



00D0FF



FF72AD

Complementary

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



83CD3C



863CCD

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



83CD3C



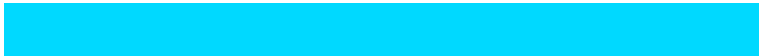
00BDFF

Square

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



83CD3C



00D9FF



D0A0FF



FF8369

Rectangle

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



83CD3C



00DAAF



D0A0FF



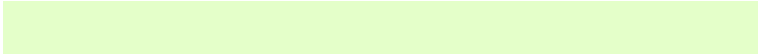
FF74C5

Sweetspot

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



83CD3C



E4FFC9



CD843C



6F8060



000000



808080

Same Dimension

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



83CD3C



90FF26



3CCD3C



61665C



51A600



132600

Inverse Universe

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



863CCD



9526FF



CD3CCD



615C66



5500A6



140026

Previews

White Background



This preview shows how the Hex color 83CD3C looks on a white background.

Color Contrast Check

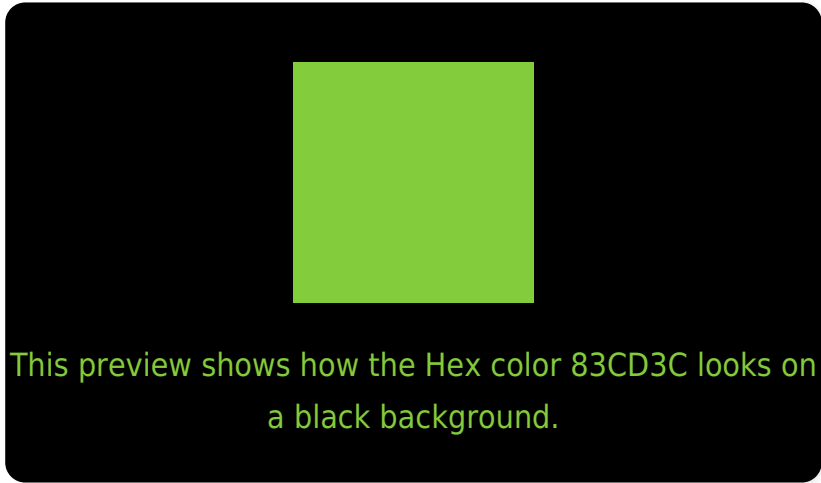
Large Text (above 18pt) WCAG AA × Fail

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 83CD3C Background



This preview shows how black text looks on a background with the Hex color 83CD3C.

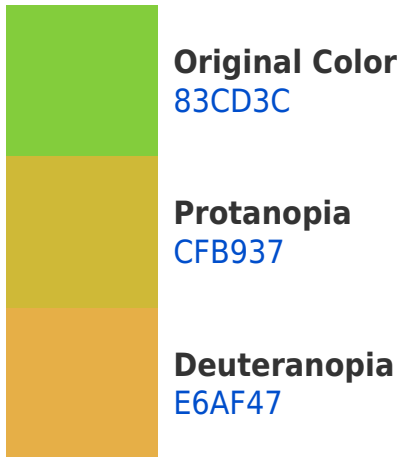


This preview shows how white text looks on a background with the Hex color 83CD3C.

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](#).

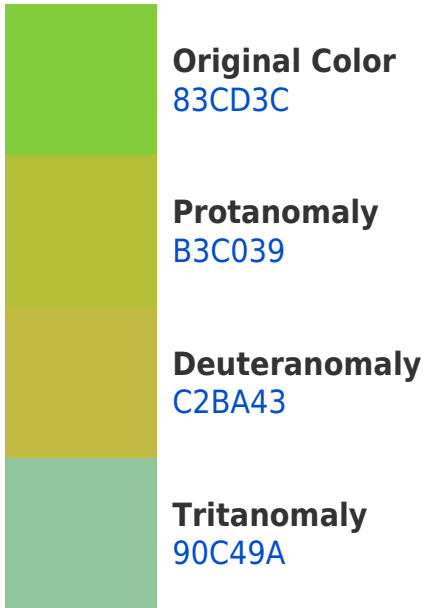
Dichromacy



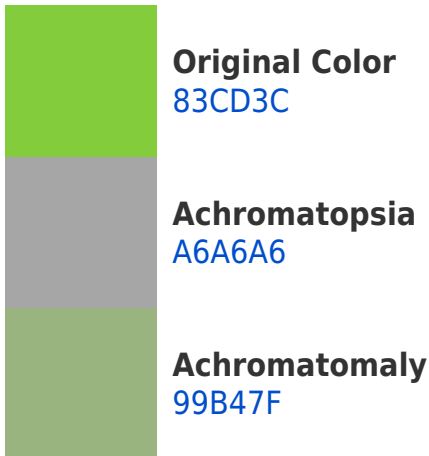


Tritanopia
98BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CD3C 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 #83CD3C looks like.

```
.text, #text, p{  
    color:#83CD3C  
}
```

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 #83CD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CD3C
}
```

Border

The CSS property to change the border of an element to Hex 83CD3C 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
#83CD3C }
```

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

```
.border{ border-color:#83CD3C }
```

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

Here you see how a box with a 4 pixel #83CD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CD3C; -webkit-box-shadow:4px 4px  
4px 4px #83CD3C; box-shadow:4px 4px 4px  
4px #83CD3C }
```

Background

The CSS property to change the background color of an element to Hex 83CD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CD3C }
```

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

```
.background{ background-color:#83CD3C }
```

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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