

Converting Colors

Hex(83CC2C)

Have a look what the booklet for
Hex(83CC2C) contains.

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Color

Hex(83CC2C)

Conversions

Conversions Part 1

Format	Color
Hex	83CC2C
RGB	131, 204, 44
RGB Percent	51%, 80%, 17%
CMY	0.4863, 0.2000, 0.8275
CMYK	0.36, 0.00, 0.78, 0.20
HSL	87°, 65%, 49%
HSV	87°, 78%, 80%
XYZ	31.4076, 48.1929, 10.0297
YIQ	163.9330, 7.8520, -65.2360

Conversions

Conversions Part 2

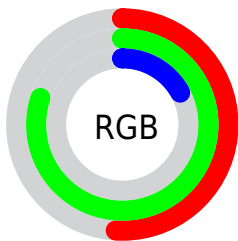
Format	Color
RYB	44, 204, 117
Decimal	8637484
CIELab	74.95, -46.33, 66.48
CIELCh	75, 81.034, 124.876
Yxy	48.1929, 0.3504, 0.5377
Android (android.graphics.Color)	4286827564 (0xFF83CC2C)
YUV	163.9330, -59.1270, -28.8822
Hunter-Lab	69.4211, -40.7297, 40.0288

Details

The Hex color **83CC2C** 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 **752CCC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BDFF67**, and **499500** is the 20% darker color. If you saturate the color by 10%, you get **7ACC18**, and if you desaturate by 10%, it is **8CCCC0**.

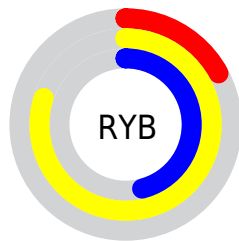
Distribution



Red (51%)

Green (80%)

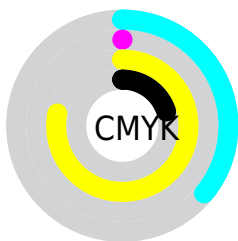
Blue (17%)



Red (17%)

Yellow (80%)

Blue (46%)

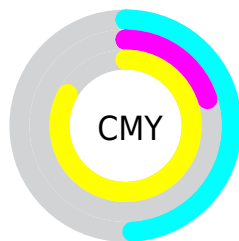


Cyan (36%)

Magenta (0%)

Yellow (78%)

Black (20%)



Cyan (49%)

Magenta (20%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CC2C 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 83CC2C by changing the saturation by 10% instead.

 83CC2C

 83CC2C

FFFFFF

 66B000

 BDF67

 499500

 DAFF83

 2A7B00

 F8FF9F

 006100

 FFFFBC

 004900

 FFFFD9

 003200

 FFFFF6

 001A00

 000000

 83CC2C

 83CC2C

 7ACC18

 8CCC40

 70CC03

 96CC55

 6FCC00

 9FCC69

 A8CC7E

 B2CC92

 BBCCA6

 C4CCBB

 CDCCCF

 D7CCE4

Harmonies

Analogous

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



D1B900



83CC2C



00D775

Triad

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



83CC2C



00D1FF



FF6AAF

Complementary

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



83CC2C



752CCC

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.



FF7CF9



83CC2C



00BEFF

Square

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



83CC2C



00D9FF



C89FFF



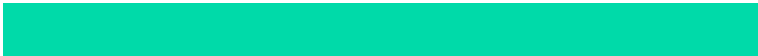
FF7C67

Rectangle

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



83CC2C



00DAA9



C89FFF



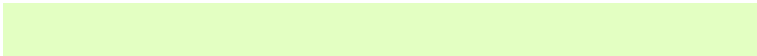
FF6CC9

Sweetspot

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



83CC2C



E3FFC2



CC742C



6F805B



000000



808080

Same Dimension

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



83CC2C



92FF0F



34CC2C



61665C



5AA600



152600

Inverse Universe

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



752CCC



7D0FFF



C42CCC



605C66



4C00A6



110026

Previews

White Background



This preview shows how the Hex color 83CC2C looks on a white background.

Color Contrast Check

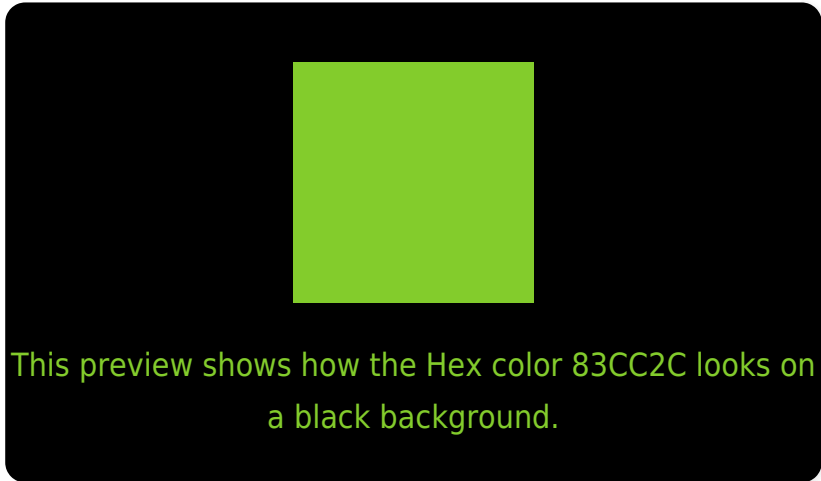
Large Text (above 18pt) WCAG AA × Fail

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 83CC2C Background



This preview shows how black text looks on a background with the Hex color 83CC2C.

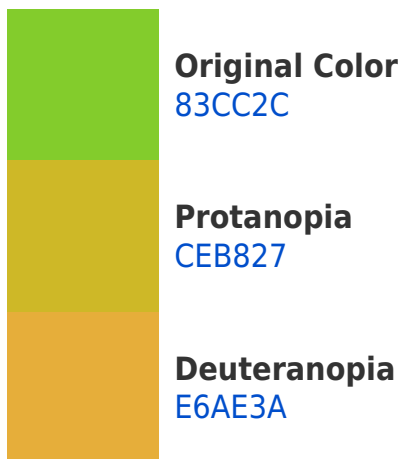


This preview shows how white text looks on a background with the Hex color 83CC2C.

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
98BECD

Trichromacy



Original Color
83CC2C



Protanomaly
B3BF29



Deuteranomaly
C2B935



Tritanomaly
90C392

Monochromacy



Original Color
83CC2C



Achromatopsia
A4A4A4



Achromatomaly
98B378

CSS Examples

Text

The CSS property to change the color of the text to Hex 83CC2C 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 #83CC2C looks like.

```
.text, #text, p{  
    color:#83CC2C  
}
```

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 #83CC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CC2C
}
```

Border

The CSS property to change the border of an element to Hex 83CC2C 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
#83CC2C }
```

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

```
.border{ border-color:#83CC2C }
```

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

Here you see how a box with a 4 pixel #83CC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CC2C; -webkit-box-shadow:4px 4px  
4px 4px #83CC2C; box-shadow:4px 4px 4px  
4px #83CC2C }
```

Background

The CSS property to change the background color of an element to Hex 83CC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CC2C }
```

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

```
.background{ background-color:#83CC2C }
```

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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