

Converting Colors

Hex(83CB5D)

Have a look what the booklet for
Hex(83CB5D) contains.

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Color

Hex(83CB5D)

Conversions

Conversions Part 1

Format	Color
Hex	83CB5D
RGB	131, 203, 93
RGB Percent	51%, 80%, 36%
CMY	0.4863, 0.2039, 0.6353
CMYK	0.35, 0.00, 0.54, 0.20
HSL	99°, 51%, 58%
HSV	99°, 54%, 80%
XYZ	32.6918, 48.3275, 17.9610
YIQ	168.9320, -7.6020, -49.4740

Conversions

Conversions Part 2

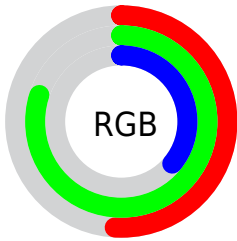
Format	Color
RYB	93, 203, 165
Decimal	8637277
CIELab	75.03, -42.05, 47.26
CIELCh	75, 63.262, 131.660
Yxy	48.3275, 0.3303, 0.4883
Android (android.graphics.Color)	4286827357 (0xFF83CB5D)
YUV	168.9320, -37.4345, -33.2664
Hunter-Lab	69.5180, -37.7143, 33.3441

Details

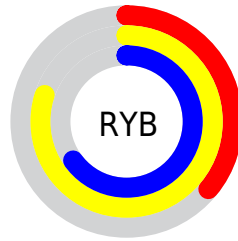
The Hex color **83CB5D** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A55DCB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BBFF92**, and **4C9429** is the 20% darker color. If you saturate the color by 10%, you get **76CB49**, and if you desaturate by 10%, it is **90CB71**.

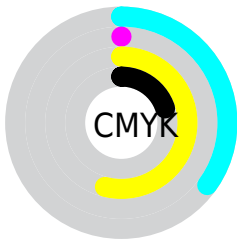
Distribution



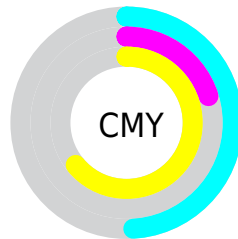
- Red (51%)
- Green (80%)
- Blue (36%)



- Red (36%)
- Yellow (80%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CB5D 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 83CB5D by changing the saturation by 10% instead.

 83CB5D

 83CB5D

FFFFFF

 67AF43

 BBFF92

 4C9429

 D8FFAD

 2F7A09

 F5FFC9

 0B6100

 FFFFE6

 004800

 003100

 001A00

 000000

 83CB5D

 83CB5D

 76CB49

 90CB71

 68CB34

 9ECB86

 5BCB20

 ABCB9A

 4ECB0C

 B8CBAE

 46CB00

 C5CBC3

 D3CBD7

 E0CBEB

 EDCBFF

 FBCBFF

Harmonies

Analogous

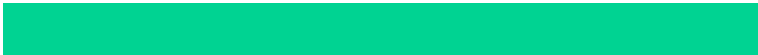
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3BD3E



83CB5D



00D392

Triad

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



83CB5D



00C9FF



FF84A4

Complementary

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



83CB5D



A55DCB

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.



FF8ADF



83CB5D



77B7FF

Square

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



83CB5D



00D3FF



DAA0FF



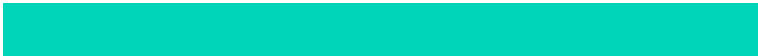
FF926E

Rectangle

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



83CB5D



00D5BA



DAA0FF



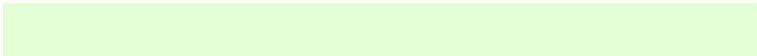
FF84B8

Sweetspot

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



83CB5D



E4FFD6



CBA55D



708067



000000



808080

Same Dimension

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



83CB5D



93FF59



5DCB6E



5F665C



39A600



0D2600

Inverse Universe

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



A55DCB



C659FF



CB5DBB



625C66



6C00A6



190026

Previews

White Background



This preview shows how the Hex color 83CB5D 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



This preview shows how the Hex color 83CB5D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

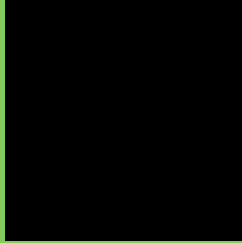
Any Text WCAG AA ✓ Pass

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 83CB5D Background



This preview shows how black text looks on a background with the Hex color 83CB5D.

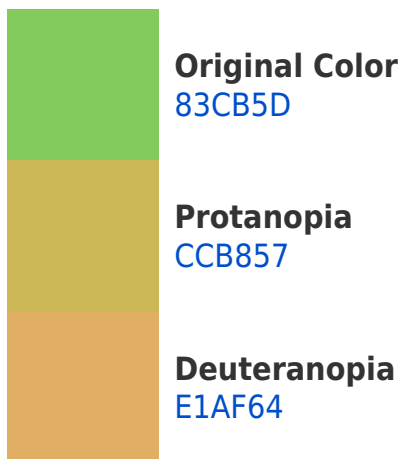


This preview shows how white text looks on a background with the Hex color 83CB5D.

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](#).

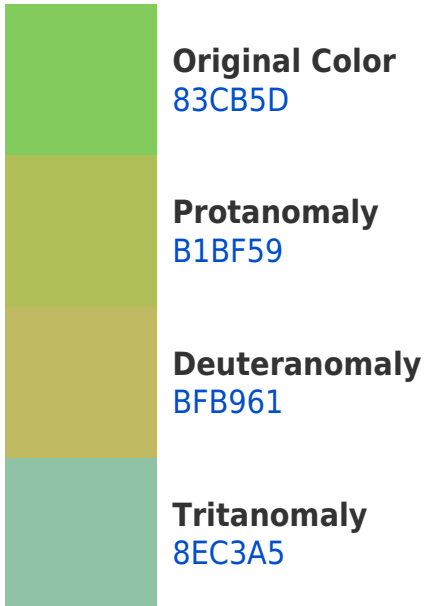
Dichromacy



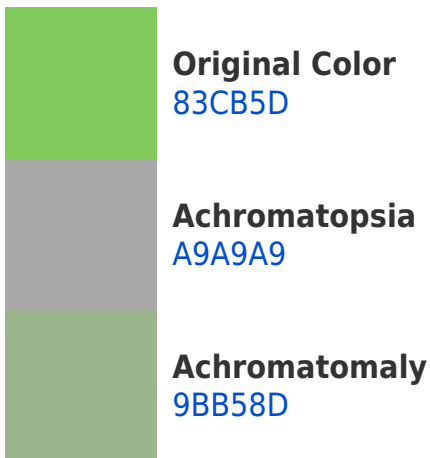


Tritanopia
95BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CB5D 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 #83CB5D looks like.

```
.text, #text, p{  
    color:#83CB5D  
}
```

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 #83CB5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CB5D
}
```

Border

The CSS property to change the border of an element to Hex 83CB5D 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
#83CB5D }
```

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

```
.border{ border-color:#83CB5D }
```

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

Here you see how a box with a 4 pixel #83CB5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CB5D; -webkit-box-shadow:4px 4px  
4px 4px #83CB5D; box-shadow:4px 4px 4px  
4px #83CB5D }
```

Background

The CSS property to change the background color of an element to Hex 83CB5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CB5D }
```

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

```
.background{ background-color:#83CB5D }
```

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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