

Converting Colors

Hex(83CB5A)

Have a look what the booklet for
Hex(83CB5A) contains.

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Color

Hex(83CB5A)

Conversions

Conversions Part 1

Format	Color
Hex	83CB5A
RGB	131, 203, 90
RGB Percent	51%, 80%, 35%
CMY	0.4863, 0.2039, 0.6471
CMYK	0.35, 0.00, 0.56, 0.20
HSL	98°, 52%, 57%
HSV	98°, 56%, 80%
XYZ	32.5615, 48.2754, 17.2748
YIQ	168.5900, -6.6390, -50.4070

Conversions

Conversions Part 2

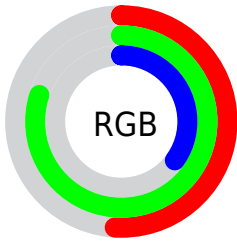
Format	Color
RYB	90, 203, 162
Decimal	8637274
CIELab	75.00, -42.38, 48.62
CIELCh	75, 64.497, 131.073
Yxy	48.2754, 0.3319, 0.4920
Android (android.graphics.Color)	4286827354 (0xFF83CB5A)
YUV	168.5900, -38.7449, -32.9664
Hunter-Lab	69.4805, -37.9382, 33.8952

Details

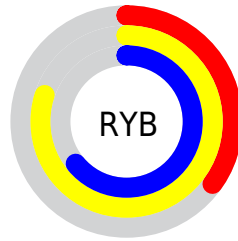
The Hex color **83CB5A** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A25ACB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BBFF8F**, and **4C9425** is the 20% darker color. If you saturate the color by 10%, you get **76CB46**, and if you desaturate by 10%, it is **90CB6E**.

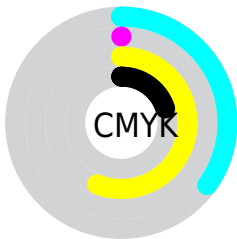
Distribution



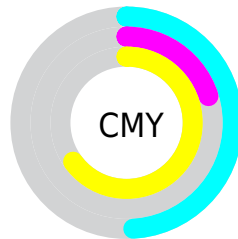
- Red (51%)
- Green (80%)
- Blue (35%)



- Red (35%)
- Yellow (80%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CB5A 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 83CB5A by changing the saturation by 10% instead.

 83CB5A

 83CB5A

FFFFFF

 67AF40

 BBFF8F

 4C9425

 D8FFAA

 2F7A03

 F6FFC6

 0A6100

 FFFFE3

 004800

 003100

 001A00

 000000

 83CB5A

 83CB5A

 76CB46

 90CB6E

 69CB31

 9DCB83

 5CCB1D

 AACB97

 4FCB09

 B7CBAB

 4ACB00

 C4CBC0

 D1CBD4

 DECBE8

 EACBFC

 F7CBFF

Harmonies

Analogous

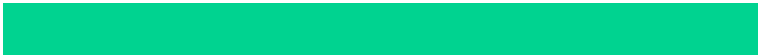
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4BD3A



83CB5A



00D390

Triad

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



83CB5A



00C9FF



FF83A5

Complementary

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



83CB5A



A25ACB

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.



FF89E1



83CB5A



71B8FF

Square

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



83CB5A



00D3FF



D9A0FF



FF916D

Rectangle

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



83CB5A



00D5B9



D9A0FF



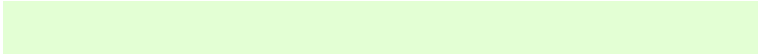
FF82B9

Sweetspot

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



83CB5A



E3FFD4



CBA25A



6F8066



000000



808080

Same Dimension

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



83CB5A



92FF54



5ACB69



60665C



3CA600



0E2600

Inverse Universe

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



A25ACB



C154FF



CB5ABC



625C66



6A00A6



180026

Previews

White Background



This preview shows how the Hex color 83CB5A looks on a white background.

Color Contrast Check

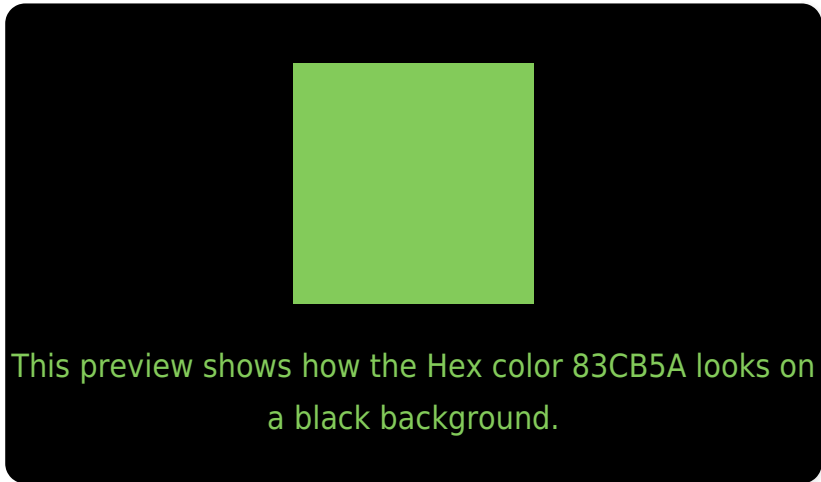
Large Text (above 18pt) WCAG AA × Fail

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 83CB5A Background



This preview shows how black text looks on a background with the Hex color 83CB5A.

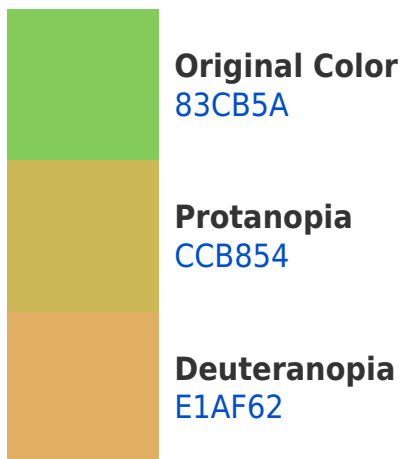


This preview shows how white text looks on a background with the Hex color 83CB5A.

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](#).

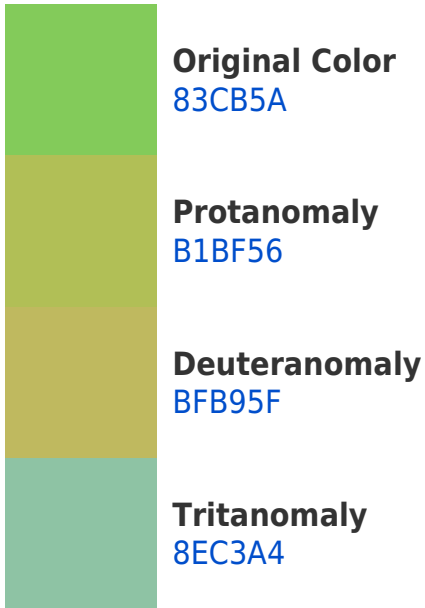
Dichromacy



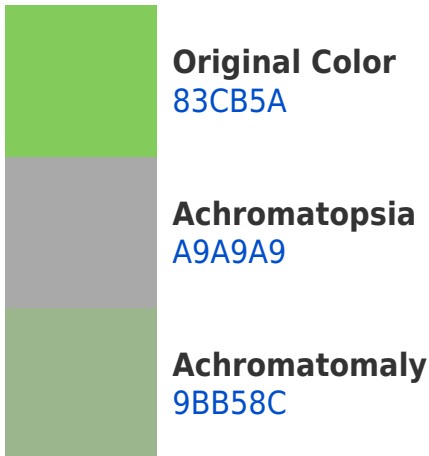


Tritanopia
95BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CB5A 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 #83CB5A looks like.

```
.text, #text, p{  
    color:#83CB5A  
}
```

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 #83CB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CB5A
}
```

Border

The CSS property to change the border of an element to Hex 83CB5A 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
#83CB5A }
```

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

```
.border{ border-color:#83CB5A }
```

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

Here you see how a box with a 4 pixel #83CB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CB5A; -webkit-box-shadow:4px 4px  
4px 4px #83CB5A; box-shadow:4px 4px 4px  
4px #83CB5A }
```

Background

The CSS property to change the background color of an element to Hex 83CB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CB5A }
```

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

```
.background{ background-color:#83CB5A }
```

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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