

# Converting Colors

Hex(83C05C)

Have a look what the booklet for  
Hex(83C05C) contains.

<b>Hex(83C05C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(83C05C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C05C
RGB	131, 192, 92
RGB Percent	51%, 75%, 36%
CMY	0.4863, 0.2471, 0.6392
CMYK	0.32, 0.00, 0.52, 0.25
HSL	97°, 44%, 56%
HSV	97°, 52%, 75%
XYZ	30.1415, 43.2973, 16.8938
YIQ	162.3610, -4.2560, -44.0320

# Conversions

## Conversions Part 2

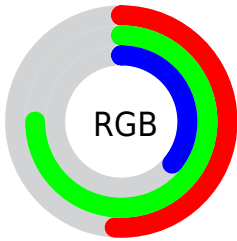
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 192, 153
Decimal	8634460
CIELab	71.76, -37.29, 43.83
CIELCh	72, 57.552, 130.390
Yxy	43.2973, 0.3337, 0.4793
Android (android.graphics.Color)	4286824540 (0xFF83C05C)
YUV	162.3610, -34.6880, -27.5036
Hunter-Lab	65.8007, -33.3852, 30.8382

# Details

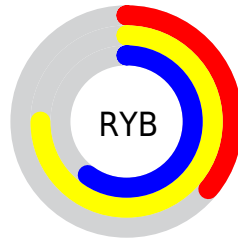
The Hex color **83C05C** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **995CC0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BBF990**, and **4D8A29** is the 20% darker color. If you saturate the color by 10%, you get **77C049**, and if you desaturate by 10%, it is **8FC06F**.

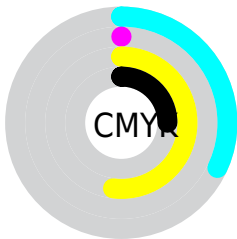
# Distribution



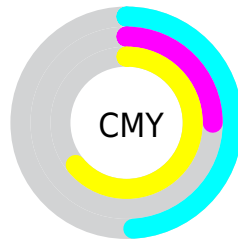
- Red (51%)
- Green (75%)
- Blue (36%)



- Red (36%)
- Yellow (75%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (52%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C05C 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 83C05C by changing the saturation by 10% instead.



 83C05C

 83C05C

FFFFFF

 68A543

 BBF990

 4D8A29

 D7FFAC

 32700C

 F4FFC8

 145700

 FFFFE4

 003F00

 002900

 000C00

 000000

 83C05C

 83C05C

 77C049

 8FC06F

 6CC036

 9AC082

 60C022

 A6C096

 54C00F

 B2C0A9

 4BC000

 BEC0BC

 C9C0CF

 D5C0E2

 E1C0F6

 ECC0FF

# Harmonies

## Analogous

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



BCB342



83C05C



23C88B

# Triad

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



83C05C



00BFFF



FF82A0

# Complementary

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



83C05C



995CC0

# Split Complementary

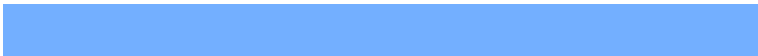
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FE88D4



83C05C



73AFFF

# Square

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



83C05C



00C8F3



CB9BFF



FF8D6E

# Rectangle

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



83C05C



00CAAF



CB9BFF



FF82B1

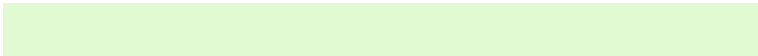


# Sweetspot

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



83C05C



E2FAD2



C0985C



6E7D65



FCFCFC



7D7D7D



# Same Dimension

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



83C05C



9AFA5C



5CC066



5B6157



3FA100



0D2100



# Inverse Universe

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



995CC0



BC5CFA



C05CB6



5D5761



6200A1



140021



# Previews

## White Background



This preview shows how the Hex color 83C05C looks on a white background.

## Color Contrast Check

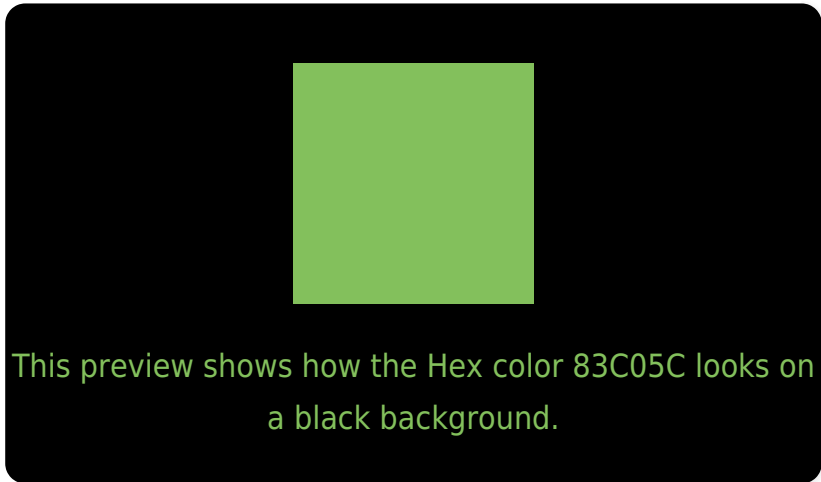
Large Text (above 18pt) WCAG AA × Fail

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 83C05C Background



This preview shows how black text looks on a background with the Hex color 83C05C.

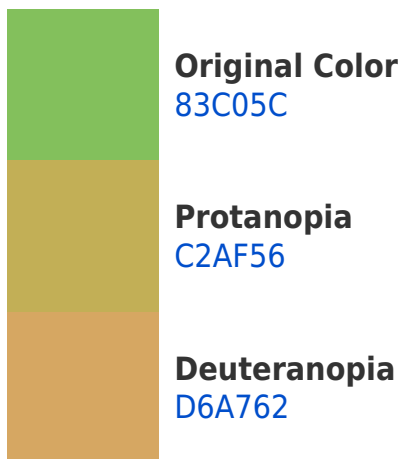


This preview shows how white text looks on a background with the Hex color 83C05C.

# 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](#).

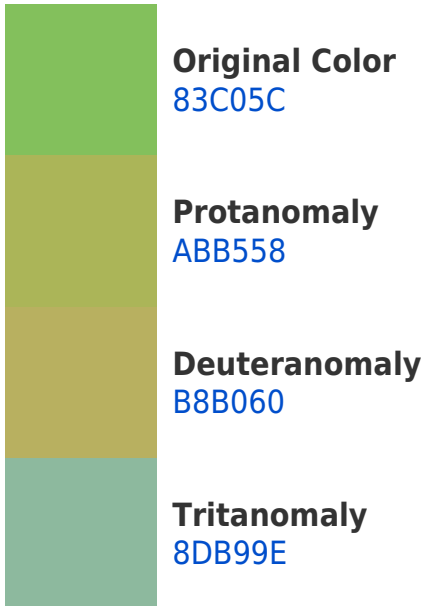
## Dichromacy



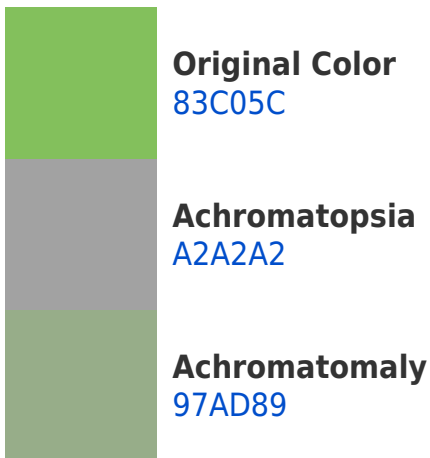


**Tritanopia**  
93B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C05C 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 #83C05C looks like.

```
.text, #text, p{  
    color:#83C05C  
}
```

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 #83C05C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C05C
}
```

## Border

The CSS property to change the border of an element to Hex 83C05C 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
#83C05C }
```

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

```
.border{ border-color:#83C05C }
```

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

Here you see how a box with a 4 pixel #83C05C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C05C; -webkit-box-shadow:4px 4px  
4px 4px #83C05C; box-shadow:4px 4px 4px  
4px #83C05C }
```

# Background

The CSS property to change the background color of an element to Hex 83C05C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C05C }
```

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

```
.background{ background-color:#83C05C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor