

Converting Colors

Hex(83BF5B)

Have a look what the booklet for
Hex(83BF5B) contains.

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Color

Hex(83BF5B)

Conversions

Conversions Part 1

Format	Color
Hex	83BF5B
RGB	131, 191, 91
RGB Percent	51%, 75%, 36%
CMY	0.4863, 0.2510, 0.6431
CMYK	0.31, 0.00, 0.52, 0.25
HSL	96°, 44%, 55%
HSV	96°, 52%, 75%
XYZ	29.8792, 42.8422, 16.5921
YIQ	161.6600, -3.6600, -43.8200

Conversions

Conversions Part 2

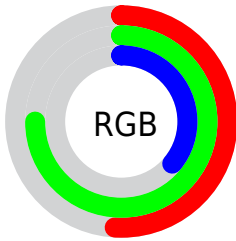
Format	Color
RYB	91, 191, 151
Decimal	8634203
CIELab	71.45, -36.96, 43.95
CIElCh	71, 57.419, 130.061
Yxy	42.8422, 0.3345, 0.4797
Android (android.graphics.Color)	4286824283 (0xFF83BF5B)
YUV	161.6600, -34.8354, -26.8888
Hunter-Lab	65.4540, -33.0607, 30.7882

Details

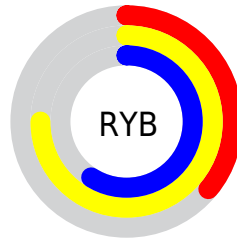
The Hex color **83BF5B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **975BBF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BBF88F**, and **4D8928** is the 20% darker color. If you saturate the color by 10%, you get **78BF48**, and if you desaturate by 10%, it is **8EBF6E**.

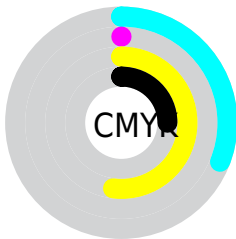
Distribution



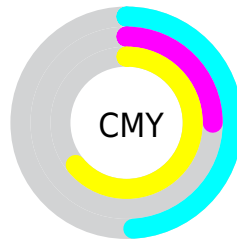
- Red (51%)
- Green (75%)
- Blue (36%)



- Red (36%)
- Yellow (75%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (52%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 83BF5B 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 83BF5B by changing the saturation by 10% instead.



83BF5B



83BF5B

FFFFFF



68A442



BBF88F



4D8928



D7FFAB



326F0B



F4FFC7



145600



FFFFE3



003E00



002900



000A00



000000



83BF5B



83BF5B

 78BF48

 8EBF6E

 6CBF35

 9ABF81

 61BF22

 A5BF94

 55BF0F

 B1BFA7

 4CBF00

 BCBFBB

 C8BFCE

 D3BFE1

 DFBFF4

 EABFFF

Harmonies

Analogous

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



BCB242



83BF5B



25C789

Triad

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



83BF5B



00BEFF



FF819F

Complementary

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



83BF5B



975BBF

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.



FC87D4



83BF5B



71AFFF

Square

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



83BF5B



00C7F1



CA9AFF



FF8C6E

Rectangle

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



83BF5B



00C9AD



CA9AFF



FF81B1

Sweetspot

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



83BF5B



E0F7D0



BF975B



6F7D65



FCFCFC



7D7D7D

Same Dimension

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



83BF5B



9AF75C



5BBF65



595E55



3F9E00



0C1F00

Inverse Universe

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



975BBF



B95CF7



BF5BB5



5B555E



5F009E



12001F

Previews

White Background



This preview shows how the Hex color 83BF5B looks on a white background.

Color Contrast Check

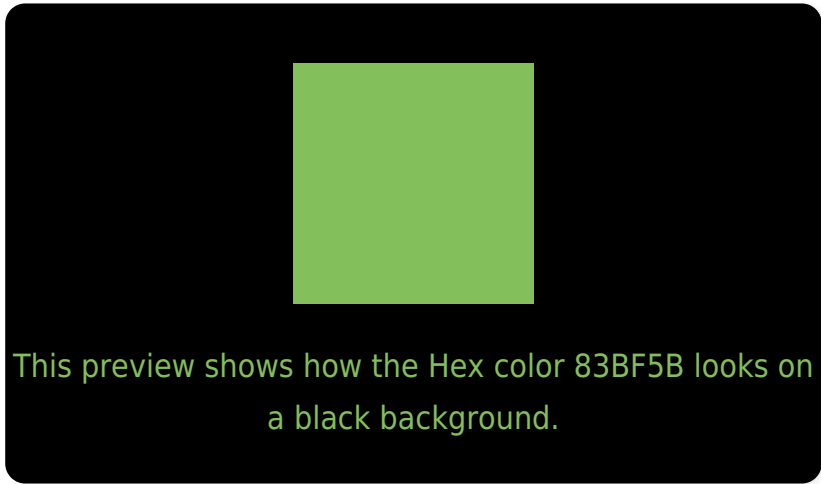
Large Text (above 18pt) WCAG AA × Fail

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 83BF5B Background



This preview shows how black text looks on a background with the Hex color 83BF5B.

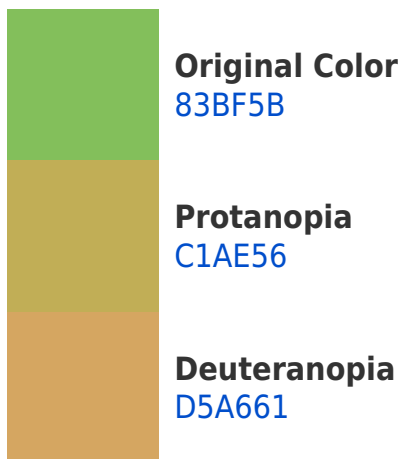


This preview shows how white text looks on a background with the Hex color 83BF5B.

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](#).

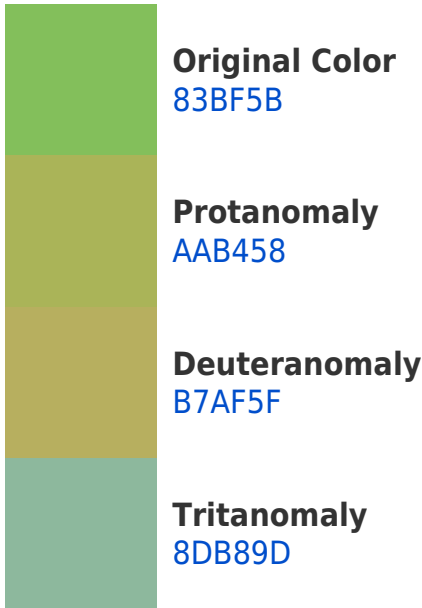
Dichromacy



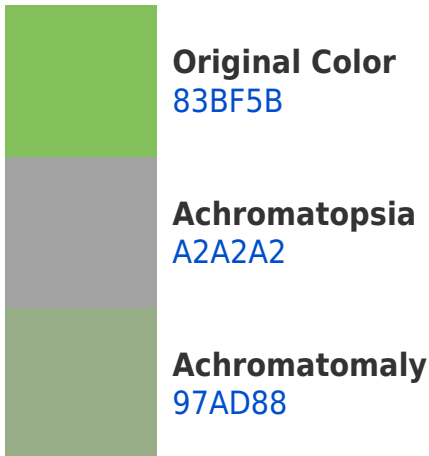


Tritanopia
93B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83BF5B 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 #83BF5B looks like.

```
.text, #text, p{  
    color:#83BF5B  
}
```

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 #83BF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BF5B
}
```

Border

The CSS property to change the border of an element to Hex 83BF5B 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
#83BF5B }
```

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

```
.border{ border-color:#83BF5B }
```

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

Here you see how a box with a 4 pixel #83BF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BF5B; -webkit-box-shadow:4px 4px  
4px 4px #83BF5B; box-shadow:4px 4px 4px  
4px #83BF5B }
```

Background

The CSS property to change the background color of an element to Hex 83BF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BF5B }
```

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

```
.background{ background-color:#83BF5B }
```

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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