

Converting Colors

Hex(83EB5B)

Have a look what the booklet for
Hex(83EB5B) contains.

Hex(83EB5B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83EB5B)

Conversions

Conversions Part 1

Format	Color
Hex	83EB5B
RGB	131, 235, 91
RGB Percent	51%, 92%, 36%
CMY	0.4863, 0.0784, 0.6431
CMYK	0.44, 0.00, 0.61, 0.08
HSL	103°, 78%, 64%
HSV	103°, 61%, 92%
XYZ	40.9567, 64.9973, 20.2846
YIQ	187.4880, -15.7600, -66.8320

Conversions

Conversions Part 2

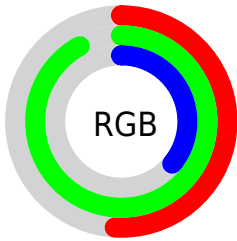
Format	Color
RYB	91, 235, 195
Decimal	8645467
CIELab	84.48, -55.46, 59.02
CIElCh	84, 80.985, 133.217
Yxy	64.9973, 0.3244, 0.5149
Android (android.graphics.Color)	4286835547 (0xFF83EB5B)
YUV	187.4880, -47.5686, -49.5400
Hunter-Lab	80.6209, -50.4057, 41.5170

Details

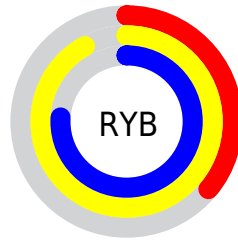
The Hex color **83EB5B** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C35BEB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BEFF92**, and **47B221** is the 20% darker color. If you saturate the color by 10%, you get **72EB44**, and if you desaturate by 10%, it is **94EB73**.

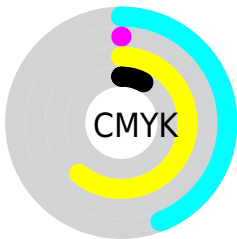
Distribution



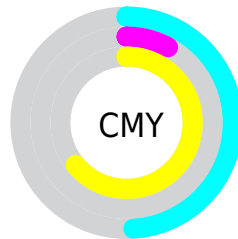
- Red (51%)
- Green (92%)
- Blue (36%)



- Red (36%)
- Yellow (92%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (61%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83EB5B 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 83EB5B by changing the saturation by 10% instead.

 83EB5B

 83EB5B

FFFFFF

 65CE3F

 BEFF92

 47B221

 DCFFAE

 229700

 FAFFCA

 007C00

 FFFFE7

 006200

 004900

 003200

 001800

 000000

 83EB5B

 83EB5B

 72EB44

 94EB73

 61EB2C

 A5EB8A

 50EB15

 B6EBA2

 41EB00

 C7EBB9

 D8EBD1

 E9EBE8

 FAEBFF

 FFEBFF

Harmonies

Analogous

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



DADA25



83EB5B



00F4A4

Triad

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



83EB5B



00E7FF



FF89B4

Complementary

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



83EB5B



C35BEB

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.



FF91FF



83EB5B



77D0FF

Square

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



83EB5B



00F4FF



FFAFFF



FFA06D

Rectangle

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



83EB5B



00F7D9



FFAFFF



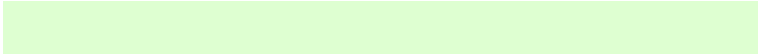
FF88CE

Sweetspot

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



83EB5B



DEFFD1



EBC25B



6B8063



000000



808080

Same Dimension

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



83EB5B



77FF42



5BEB7A



6D756A



32B500



0F3600

Inverse Universe

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



C35BEB



CB42FF



EB5BCC



726A75



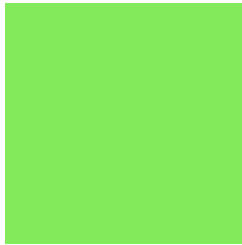
8300B5



270036

Previews

White Background



This preview shows how the Hex color 83EB5B looks on a white background.

Color Contrast Check

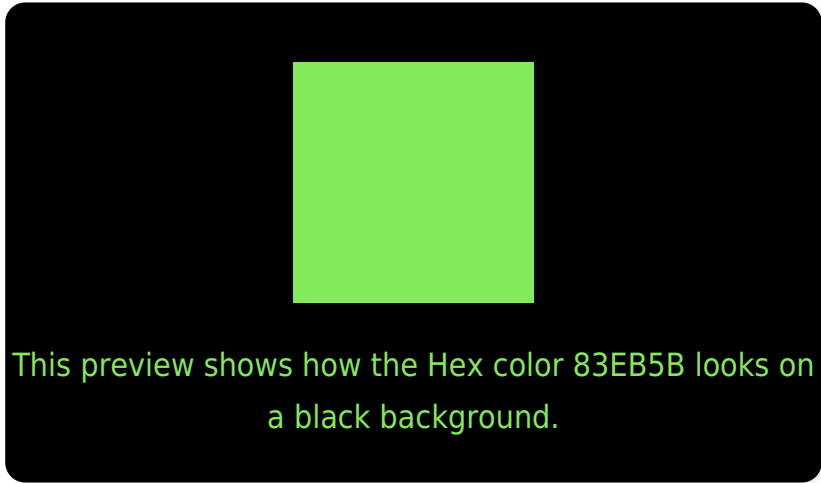
Large Text (above 18pt) WCAG AA × Fail

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

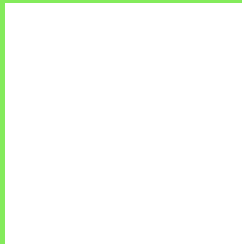
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83EB5B Background



This preview shows how black text looks on a background with the Hex color 83EB5B.

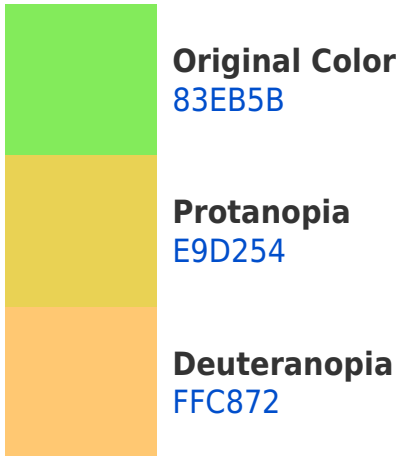


This preview shows how white text looks on a background with the Hex color 83EB5B.

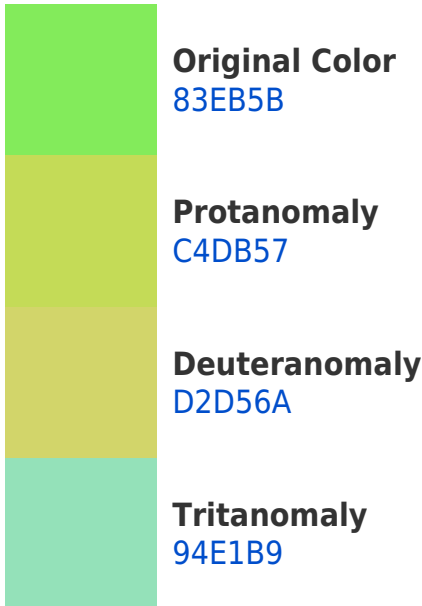
Color Blindness Simulation

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](#).

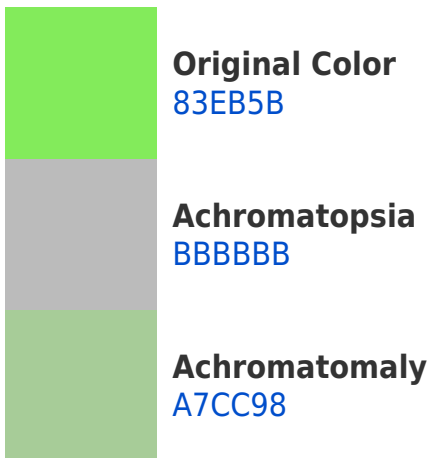
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83EB5B 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 #83EB5B looks like.

```
.text, #text, p{  
    color:#83EB5B  
}
```

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 #83EB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83EB5B
}
```

Border

The CSS property to change the border of an element to Hex 83EB5B 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
#83EB5B }
```

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

```
.border{ border-color:#83EB5B }
```

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

Here you see how a box with a 4 pixel #83EB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83EB5B; -webkit-box-shadow:4px 4px  
4px 4px #83EB5B; box-shadow:4px 4px 4px  
4px #83EB5B }
```

Background

The CSS property to change the background color of an element to Hex 83EB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83EB5B }
```

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

```
.background{ background-color:#83EB5B }
```

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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