

# Converting Colors

Hex(83AE5E)

Have a look what the booklet for  
Hex(83AE5E) contains.

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# **Color**

**Hex(83AE5E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 83AE5E                     |
| RGB           | 131, 174, 94               |
| RGB Percent   | 51%, 68%, 37%              |
| CMY           | 0.4863, 0.3176, 0.6314     |
| CMYK          | 0.25, 0.00, 0.46, 0.32     |
| HSL           | 92°, 33%, 53%              |
| HSV           | 92°, 46%, 68%              |
| XYZ           | 26.5165, 35.9056, 16.1226  |
| YIQ           | 152.0230, 0.0520, -33.9960 |

# Conversions

## Conversions Part 2

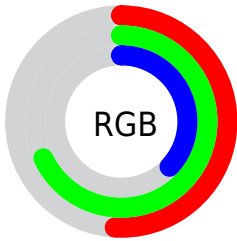
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 94, 174, 137                    |
| Decimal                             | 8629854                         |
| CIELab                              | 66.45, -28.67, 36.34            |
| CIELCh                              | 66, 46.288, 128.267             |
| Yxy                                 | 35.9056, 0.3376,<br>0.4571      |
| Android<br>(android.graphics.Color) | 4286819934<br>(0xFF83AE5E)      |
| YUV                                 | 152.0230, -28.6053,<br>-18.4372 |
| Hunter-Lab                          | 59.9212, -25.8719,<br>25.9921   |

# Details

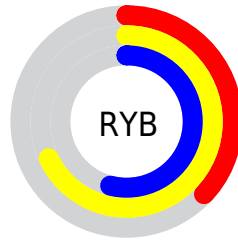
The Hex color **83AE5E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **895EAE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BAE692**, and **4F792D** is the 20% darker color. If you saturate the color by 10%, you get **7AAE4D**, and if you desaturate by 10%, it is **8CAE6F**.

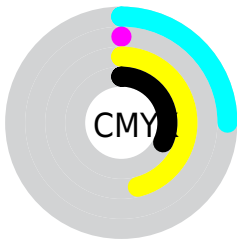
# Distribution



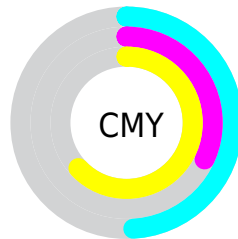
- Red (51%)
- Green (68%)
- Blue (37%)



- Red (37%)
- Yellow (68%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (46%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83AE5E 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 83AE5E by changing the saturation by 10% instead.





83AE5E



83AE5E

FFFFFF



699345



BAE692



4F792D



D6FFAD



366014



F3FFC8



1D4800



FFFFE5



013100



001F00



000000



83AE5E



83AE5E



7AAE4D



8CAE6F

 70AE3B

 96AE81

 67AE2A

 9FAE92

 5EAE18

 A8AEA4

 54AE07

 B2AEB5

 50AE00

 BBAEC6

 C4AED8

 CEAAE9

 D7AEFB

# Harmonies

## Analogous

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



B0A34D



83AE5E



49B581

# Triad

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



83AE5E



00AEEE



F07F98

# Complementary

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



83AE5E



895EAE

# 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.



DE84C1



83AE5E



71A2F4

# Square

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



83AE5E



00B5D4



B492E3



EB8670

# Rectangle

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



83AE5E



00B79E



B492E3



ED7FA6

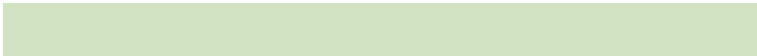


# Sweetspot

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



83AE5E



D2E3C3



AE895E



68735F



F2F2F2



737373



# Same Dimension

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



83AE5E



A0E366



5EAE61



52574E



469600



0B1700



# Inverse Universe

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



895EAE



A966E3



AE5EAB



534E57



510096



0C0017



# Previews

## White Background



This preview shows how the Hex color 83AE5E looks on a white background.

## Color Contrast Check

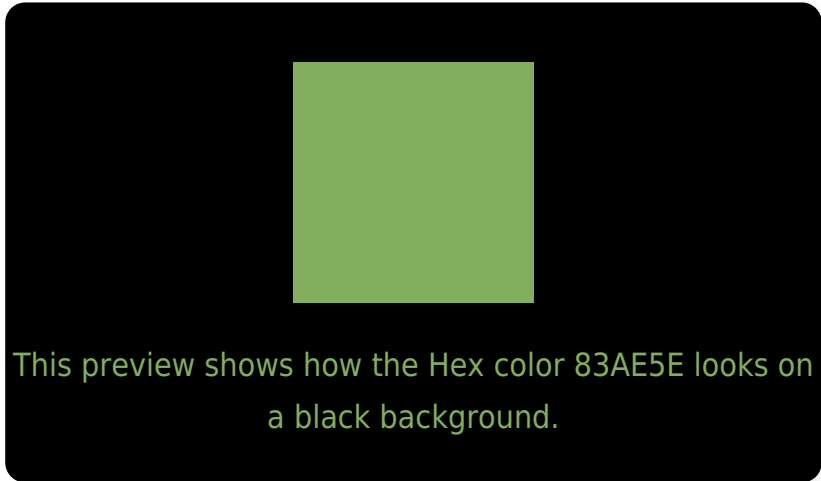
Large Text (above 18pt) WCAG AA × Fail

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 83AE5E Background



This preview shows how black text looks on a background with the Hex color 83AE5E.

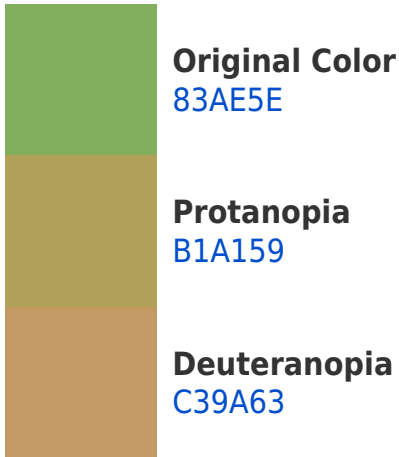


This preview shows how white text looks on a background with the Hex color 83AE5E.

# 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](#).

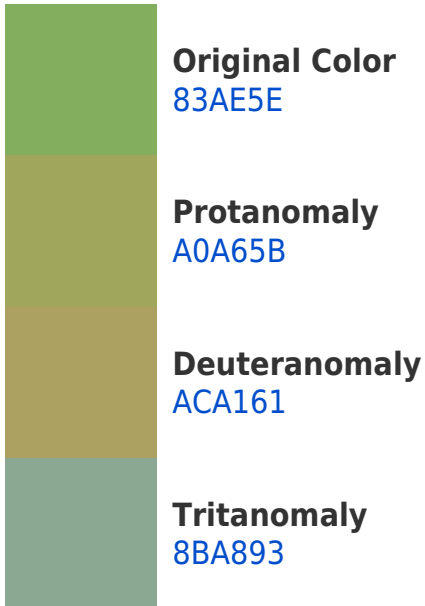
## Dichromacy



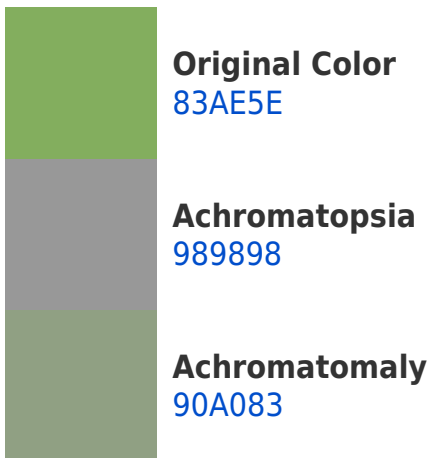


**Tritanopia**  
8FA4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83AE5E 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 #83AE5E looks like.

```
.text, #text, p{  
    color:#83AE5E  
}
```

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 #83AE5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AE5E
}
```

## Border

The CSS property to change the border of an element to Hex 83AE5E 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
#83AE5E }
```

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

```
.border{ border-color:#83AE5E }
```

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

Here you see how a box with a 4 pixel #83AE5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AE5E; -webkit-box-shadow:4px 4px  
4px 4px #83AE5E; box-shadow:4px 4px 4px  
4px #83AE5E }
```

# Background

The CSS property to change the background color of an element to Hex 83AE5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AE5E }
```

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

```
.background{ background-color:#83AE5E }
```

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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