

Converting Colors

Hex(83C36E)

Have a look what the booklet for
Hex(83C36E) contains.

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Color

Hex(83C36E)

Conversions

Conversions Part 1

Format	Color
Hex	83C36E
RGB	131, 195, 110
RGB Percent	51%, 76%, 43%
CMY	0.4863, 0.2353, 0.5686
CMYK	0.33, 0.00, 0.44, 0.24
HSL	105°, 41%, 60%
HSV	105°, 44%, 76%
XYZ	31.6897, 44.9813, 21.7639
YIQ	166.1740, -10.8590, -40.0030

Conversions

Conversions Part 2

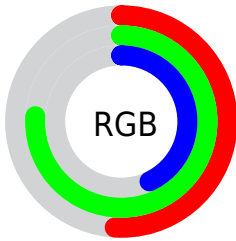
Format	Color
RYB	110, 195, 174
Decimal	8635246
CIELab	72.88, -36.39, 36.30
CIELCh	73, 51.405, 135.072
Yxy	44.9813, 0.3219, 0.4570
Android (android.graphics.Color)	4286825326 (0xFF83C36E)
YUV	166.1740, -27.6938, -30.8476
Hunter-Lab	67.0681, -33.0280, 27.7078

Details

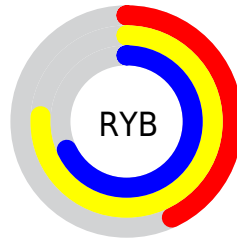
The Hex color **83C36E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AE6EC3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BAFCA3**, and **4E8D3C** is the 20% darker color. If you saturate the color by 10%, you get **74C35B**, and if you desaturate by 10%, it is **92C382**.

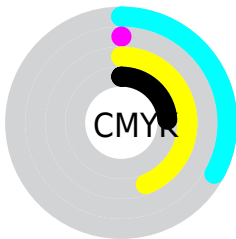
Distribution



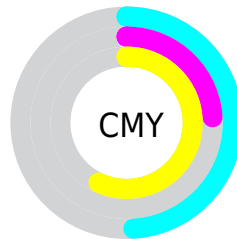
- Red (51%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (68%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C36E 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 83C36E by changing the saturation by 10% instead.



83C36E



83C36E

FFFFFF



68A855



BAFCA3



4E8D3C



D7FFBE



337324



F4FFDA



165A09



FFFFFF7



004200



002B00



001200



000000



83C36E



83C36E

 74C35B

 92C382

 66C347

 A0C395

 57C333

 AFC3A9

 48C320

 BEC3BC

 3AC30C

 CCC3CF

 30C300

 DBC3E3

 EAC3F6

 F8C3FF

 FFC3FF

Harmonies

Analogous

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



B8B854



83C36E



35C999

Triad

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



83C36E



00BFFF



FF8C9D

Complementary

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



83C36E



AE6EC3

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.



FE8FCC



83C36E



90B0FF

Square

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



83C36E



00C8F4



D59DF6



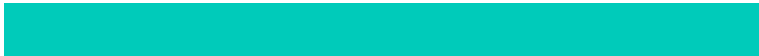
FF9772

Rectangle

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



83C36E



00CBBA



D59DF6



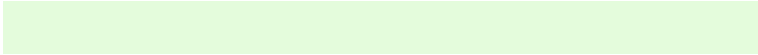
FF8BAD

Sweetspot

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



83C36E



E4FCDC



C3AE6E



70806B



000000



808080

Same Dimension

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



83C36E



9AFC79



6EC383



5A6157



28A100



082100

Inverse Universe

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



AE6EC3



DC79FC



C36EAE



5F5761



7900A1



190021

Previews

White Background



This preview shows how the Hex color 83C36E looks on a white background.

Color Contrast Check

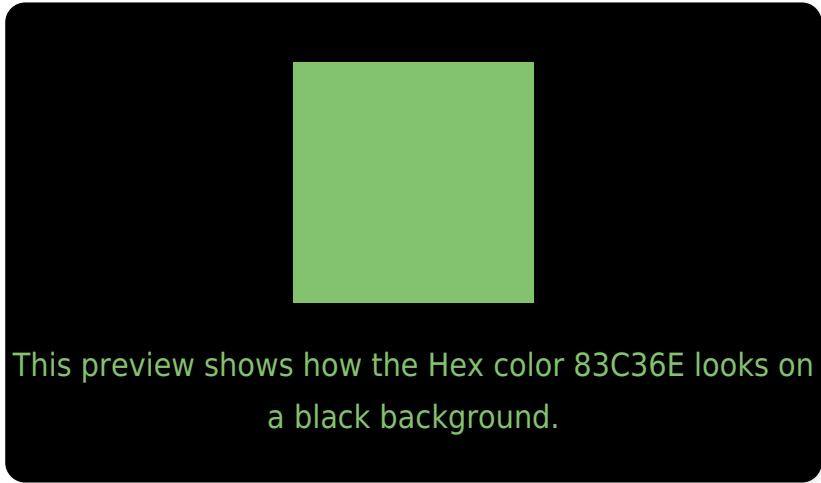
Large Text (above 18pt) WCAG AA × Fail

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

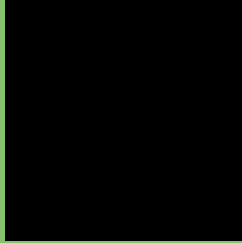
Any Text WCAG AA ✓ Pass

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 83C36E Background



This preview shows how black text looks on a background with the Hex color 83C36E.

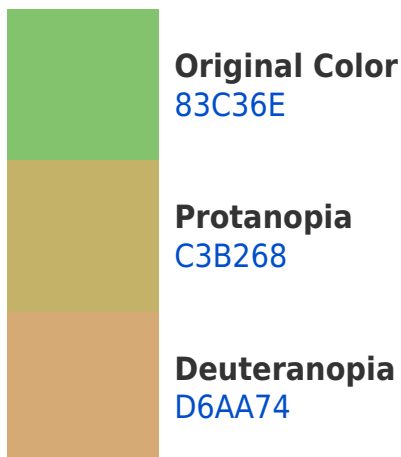


This preview shows how white text looks on a background with the Hex color 83C36E.

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](#).

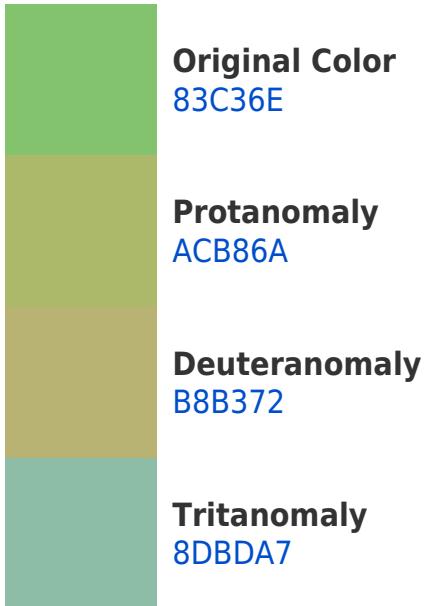
Dichromacy



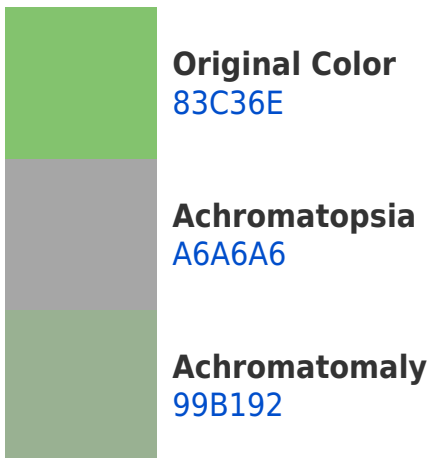


Tritanopia
92B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C36E 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 #83C36E looks like.

```
.text, #text, p{  
    color:#83C36E  
}
```

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 #83C36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C36E
}
```

Border

The CSS property to change the border of an element to Hex 83C36E 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
#83C36E }
```

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

```
.border{ border-color:#83C36E }
```

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

Here you see how a box with a 4 pixel #83C36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C36E; -webkit-box-shadow:4px 4px  
4px 4px #83C36E; box-shadow:4px 4px 4px  
4px #83C36E }
```

Background

The CSS property to change the background color of an element to Hex 83C36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C36E }
```

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

```
.background{ background-color:#83C36E }
```

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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