

Converting Colors

Hex(83AB6F)

Have a look what the booklet for
Hex(83AB6F) contains.

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Color

Hex(83AB6F)

Conversions

Conversions Part 1

Format	Color
Hex	83AB6F
RGB	131, 171, 111
RGB Percent	51%, 67%, 44%
CMY	0.4863, 0.3294, 0.5647
CMYK	0.23, 0.00, 0.35, 0.33
HSL	100°, 26%, 55%
HSV	100°, 35%, 67%
XYZ	26.7922, 35.0988, 20.4016
YIQ	152.2000, -4.5800, -27.1400

Conversions

Conversions Part 2

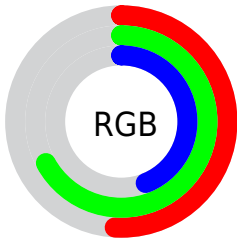
Format	Color
RYB	111, 171, 151
Decimal	8629103
CIELab	65.83, -24.86, 26.63
CIELCh	66, 36.431, 133.025
Yxy	35.0988, 0.3256, 0.4265
Android (android.graphics.Color)	4286819183 (0xFF83AB6F)
YUV	152.2000, -20.3116, -18.5924
Hunter-Lab	59.2443, -22.9538, 21.0536

Details

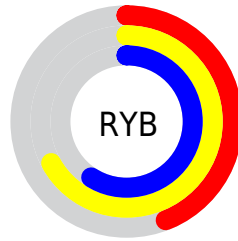
The Hex color **83AB6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **976FAB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B9E3A3**, and **50773E** is the 20% darker color. If you saturate the color by 10%, you get **78AB5E**, and if you desaturate by 10%, it is **8EAB80**.

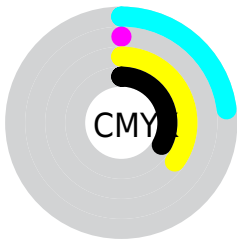
Distribution



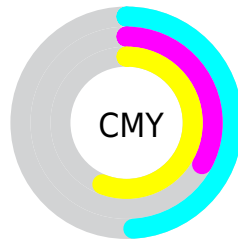
- Red (51%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AB6F 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 83AB6F by changing the saturation by 10% instead.



83AB6F



83AB6F

FFFFFF



699056



B9E3A3



50773E



D5FFBE



385E27



F2FFDA



204611



FFFFFF7



0A2F00



001D00



000000



83AB6F



83AB6F



78AB5E



8EAB80

 6CAB4D

 9AAB91

 61AB3C

 A5ABA2

 55AB2B

 B1ABB3

 4AAB19

 BCABC4

 3FAB08

 C7ABD6

 39AB00

 D3ABE7

 DEABF8

 EAABFF

Harmonies

Analogous

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



A7A35F



83AB6F



5AB08C

Triad

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



83AB6F



4EA9DE



E08793

Complementary

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



83AB6F



976FAB

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.



D489B4



83AB6F



889EDF

Square

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



83AB6F



0FAFCB



B692D0



DA8D75

Rectangle

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



83AB6F



3AB1A2



B692D0



DE869E

Sweetspot

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



83AB6F



CEDEC5



AB976F



667062



F0F0F0



707070

Same Dimension

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



83AB6F



A0DE81



6FAB79



51574E



329600



081700

Inverse Universe

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



976FAB



BF81DE



AB6FA1



544E57



640096



0F0017

Previews

White Background



This preview shows how the Hex color 83AB6F looks on a white background.

Color Contrast Check

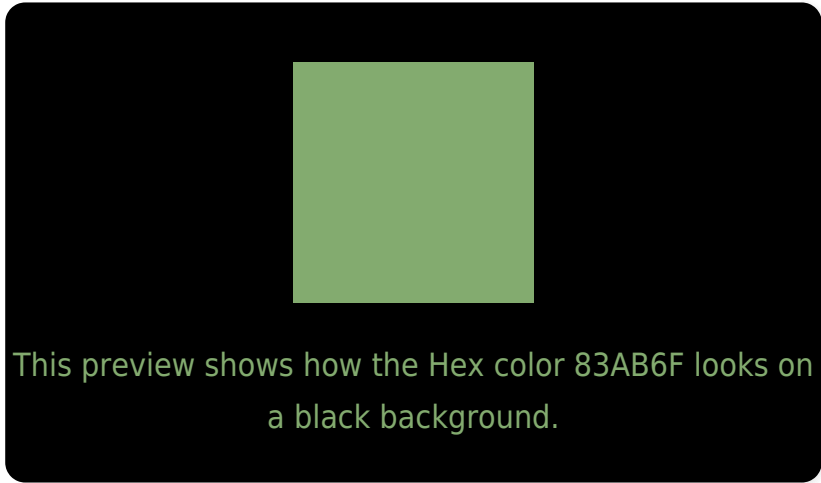
Large Text (above 18pt) WCAG AA × Fail

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 83AB6F Background



This preview shows how black text looks on a background with the Hex color 83AB6F.



This preview shows how white text looks on a background with the Hex color 83AB6F.

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](#).

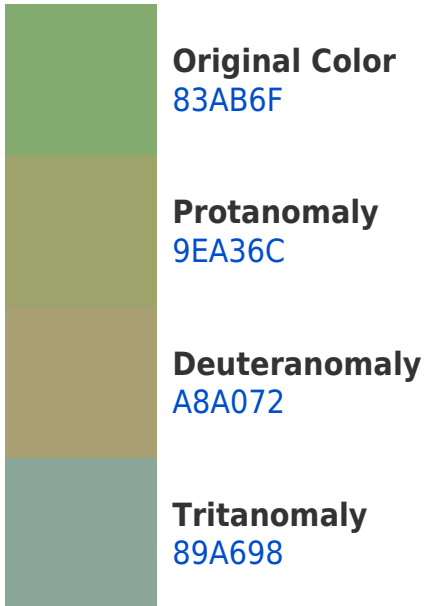
Dichromacy



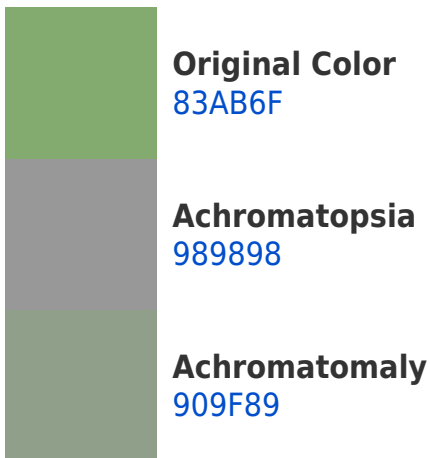


Tritanopia
8DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AB6F 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 #83AB6F looks like.

```
.text, #text, p{  
    color:#83AB6F  
}
```

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 #83AB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AB6F
}
```

Border

The CSS property to change the border of an element to Hex 83AB6F 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
#83AB6F }
```

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

```
.border{ border-color:#83AB6F }
```

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

Here you see how a box with a 4 pixel #83AB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AB6F; -webkit-box-shadow:4px 4px  
4px 4px #83AB6F; box-shadow:4px 4px 4px  
4px #83AB6F }
```

Background

The CSS property to change the background color of an element to Hex 83AB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AB6F }
```

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

```
.background{ background-color:#83AB6F }
```

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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