

Converting Colors

Hex(83C96F)

Have a look what the booklet for
Hex(83C96F) contains.

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Color

Hex(83C96F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83C96F |
| RGB | 131, 201, 111 |
| RGB Percent | 51%, 79%, 44% |
| CMY | 0.4863, 0.2118, 0.5647 |
| CMYK | 0.35, 0.00, 0.45, 0.21 |
| HSL | 107°, 45%, 61% |
| HSV | 107°, 45%, 79% |
| XYZ | 33.1160, 47.7463, 22.5095 |
| YIQ | 169.8100, -12.8300, -42.8300 |

Conversions

Conversions Part 2

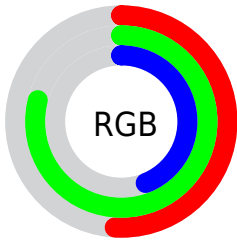
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 111, 201, 181 |
| Decimal | 8636783 |
| CIELab | 74.66, -38.96, 38.06 |
| CIELCh | 75, 54.467, 135.672 |
| Yxy | 47.7463, 0.3204, 0.4619 |
| Android (android.graphics.Color) | 4286826863 (0xFF83C96F) |
| YUV | 169.8100, -28.9933, -34.0364 |
| Hunter-Lab | 69.0987, -35.3755, 29.0549 |

Details

The Hex color **83C96F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B56FC9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BBFFA4**, and **4D923D** is the 20% darker color. If you saturate the color by 10%, you get **73C95B**, and if you desaturate by 10%, it is **93C983**.

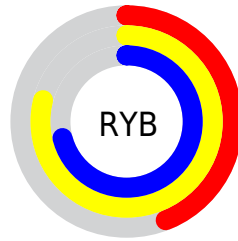
Distribution



Red (51%)

Green (79%)

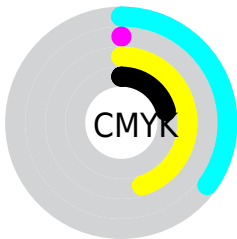
Blue (44%)



Red (44%)

Yellow (79%)

Blue (71%)

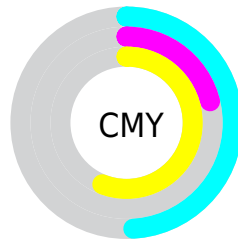


Cyan (35%)

Magenta (0%)

Yellow (45%)

Black (21%)



Cyan (49%)

Magenta (21%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C96F 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 83C96F by changing the saturation by 10% instead.

 83C96F

 83C96F

FFFFFF

 68AD56

 BBFFA4

 4D923D

 D7FFC0

 327824

 F4FFDC

 125F09

 FFFFF9

 004700

 002F00

 001900

 000000

 83C96F

 83C96F

 73C95B

 93C983

 64C947

 A2C997

 54C933

 B2C9AB

 44C91F

 C2C9BF

 35C90B

 D1C9D4

 2DC900

 E1C9E8

 F0C9FC

 FFC9FF

Harmonies

Analogous

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



BCBD53



83C96F



27D09D

Triad

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



83C96F



00C4FF



FF8E9F

Complementary

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



83C96F



B56FC9

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.



FF90D2



83C96F



93B4FF

Square

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



83C96F



00CEFE



DDA0FE



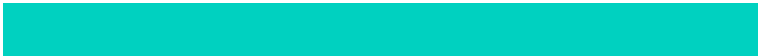
FF9A72

Rectangle

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



83C96F



00D1C0



DDA0FE



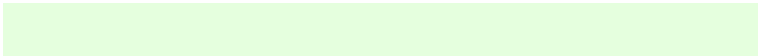
FF8DB0

Sweetspot

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



83C96F



E5FFDE



C9B46F



70806B



000000



808080

Same Dimension

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



83C96F



94FF75



6FC987



5C635A



24A300



082400

Inverse Universe

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



B56FC9



E075FF



C96FB1



615A63



7F00A3



1C0024

Previews

White Background



This preview shows how the Hex color 83C96F looks on a white background.

Color Contrast Check

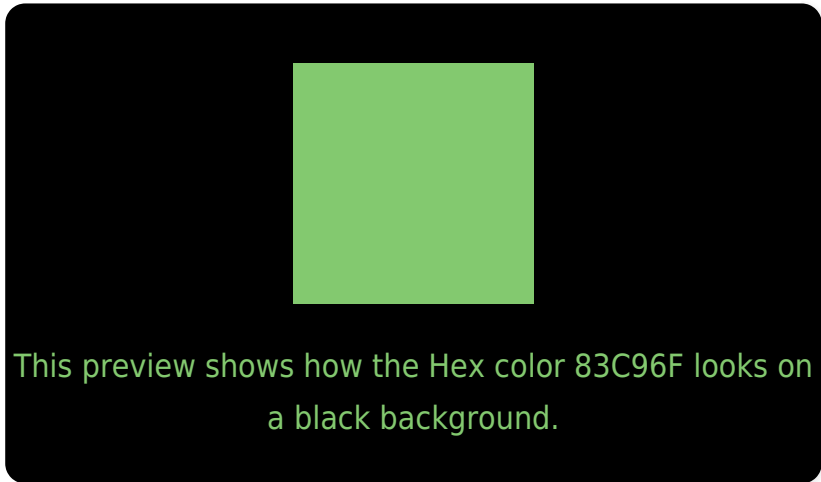
Large Text (above 18pt) WCAG AA × Fail

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 83C96F Background



This preview shows how black text looks on a background with the Hex color 83C96F.

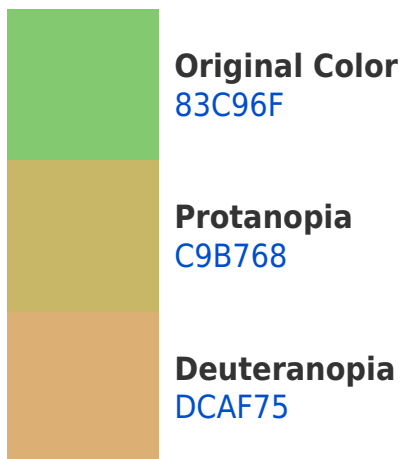


This preview shows how white text looks on a background with the Hex color 83C96F.

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](#).

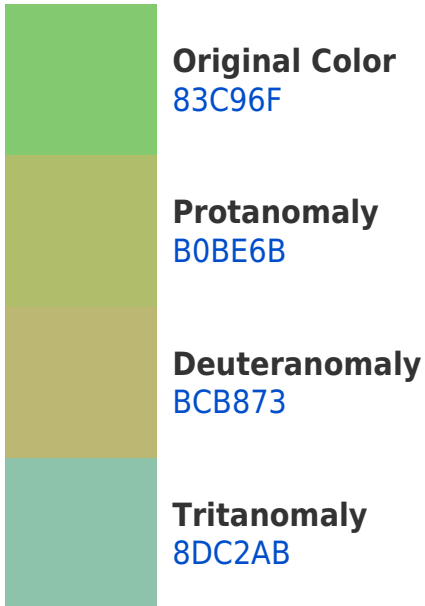
Dichromacy



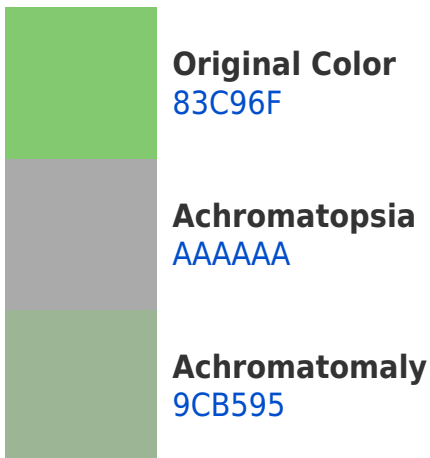


Tritanopia
93BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C96F 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 #83C96F looks like.

```
.text, #text, p{  
    color:#83C96F  
}
```

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 #83C96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C96F
}
```

Border

The CSS property to change the border of an element to Hex 83C96F 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
#83C96F }
```

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

```
.border{ border-color:#83C96F }
```

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

Here you see how a box with a 4 pixel #83C96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C96F; -webkit-box-shadow:4px 4px  
4px 4px #83C96F; box-shadow:4px 4px 4px  
4px #83C96F }
```

Background

The CSS property to change the background color of an element to Hex 83C96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C96F }
```

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

```
.background{ background-color:#83C96F }
```

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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