

Converting Colors

Hex(83BF83)

Have a look what the booklet for
Hex(83BF83) contains.

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Color

Hex(83BF83)

Conversions

Conversions Part 1

Format	Color
Hex	83BF83
RGB	131, 191, 131
RGB Percent	51%, 75%, 51%
CMY	0.4863, 0.2510, 0.4863
CMYK	0.31, 0.00, 0.31, 0.25
HSL	120°, 32%, 63%
HSV	120°, 31%, 75%
XYZ	32.0876, 43.7256, 28.2214
YIQ	166.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

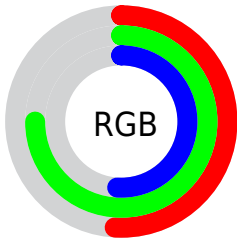
Format	Color
RYB	131, 191, 191
Decimal	8634243
CIELab	72.04, -31.35, 24.28
CIElCh	72, 39.655, 142.239
Yxy	43.7256, 0.3084, 0.4203
Android (android.graphics.Color)	4286824323 (0xFF83BF83)
YUV	166.2200, -17.3635, -30.8879
Hunter-Lab	66.1253, -29.1014, 20.9835

Details

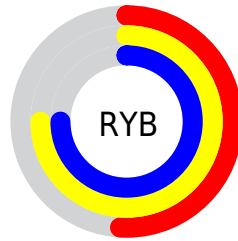
The Hex color **83BF83** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF83BF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BAF8B8**, and **4F8951** is the 20% darker color. If you saturate the color by 10%, you get **70BF70**, and if you desaturate by 10%, it is **96BF96**.

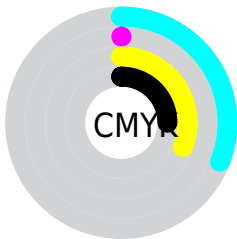
Distribution



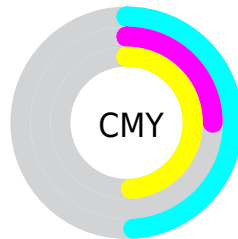
- Red (51%)
- Green (75%)
- Blue (51%)



- Red (51%)
- Yellow (75%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83BF83 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 83BF83 by changing the saturation by 10% instead.

 83BF83

 83BF83

FFFFFF

 69A46A

 BAF8B8

 4F8951

 D6FFD4

 356F39

 F3FFF1

 1B5723

 003F0D

 002800

 000E00

 000000

 83BF83

 83BF83

 70BF70

 96BF96

 5DBF5D

 A9BFA9

 4ABF4A

 BCBFBC

 37BF37

 CFBFCF

 23BF23

 E3BFE3

 10BF10

 F6BFF6

 00BF00

 FFBFFF

Harmonies

Analogous

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



ADB76C



83BF83



52C3A6

Triad

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



83BF83



6AB7F8



F79697

Complementary

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



83BF83



BF83BF

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.



F095BC



83BF83



A7ABF4

Square

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



83BF83



21C0E9



D59EDD



EB9F79

Rectangle

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



83BF83



2BC4BF



D59EDD



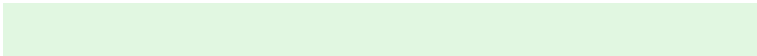
F794A3

Sweetspot

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



83BF83



E1F7E1



BFBF83



6F7D6F



FCFCFC



7D7D7D

Same Dimension

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



83BF83



99F799



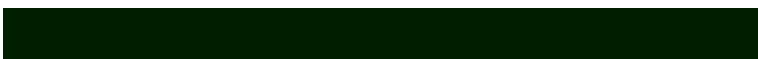
83BFA1



555E55



009E00



001F00

Inverse Universe

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



BF83BF



F799F7



BF83A1



5E555E



9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 83BF83 looks on a white background.

Color Contrast Check

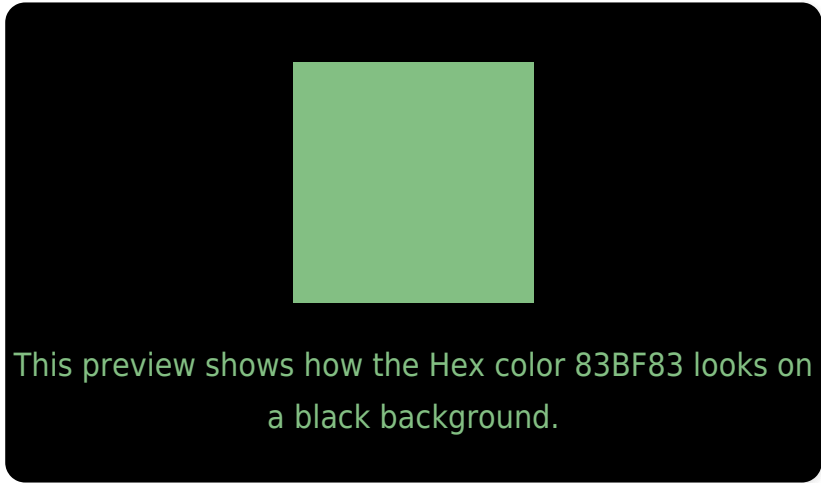
Large Text (above 18pt) WCAG AA × Fail

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

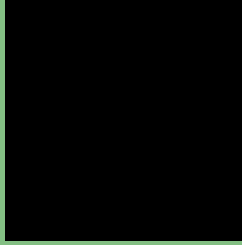
Any Text WCAG AA ✓ Pass

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 83BF83 Background



This preview shows how black text looks on a background with the Hex color 83BF83.

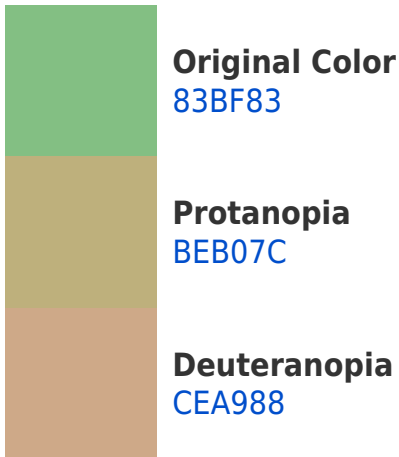


This preview shows how white text looks on a background with the Hex color 83BF83.

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
8FB7C5

Trichromacy



Original Color
83BF83



Protanomaly
A9B57F



Deuteranomaly
B3B186



Tritanomaly
8BBAA8

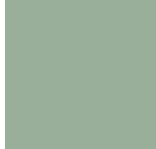
Monochromacy



Original Color
83BF83



Achromatopsia
A6A6A6



Achromatomaly
99AF99

CSS Examples

Text

The CSS property to change the color of the text to Hex 83BF83 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 #83BF83 looks like.

```
.text, #text, p{  
    color:#83BF83  
}
```

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 #83BF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BF83  
}
```

Border

The CSS property to change the border of an element to Hex 83BF83 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  
#83BF83 }
```

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

```
.border{ border-color:#83BF83 }
```

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

Here you see how a box with a 4 pixel #83BF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BF83; -webkit-box-shadow:4px 4px  
4px 4px #83BF83; box-shadow:4px 4px 4px  
4px #83BF83 }
```

Background

The CSS property to change the background color of an element to Hex 83BF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BF83 }
```

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

```
.background{ background-color:#83BF83 }
```

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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