

Converting Colors

Hex(83FBA3)

Have a look what the booklet for
Hex(83FBA3) contains.

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Color

Hex(83FBA3)

Conversions

Conversions Part 1

Format	Color
Hex	83FBA3
RGB	131, 251, 163
RGB Percent	51%, 98%, 64%
CMY	0.4863, 0.0157, 0.3608
CMYK	0.48, 0.00, 0.35, 0.02
HSL	136°, 94%, 75%
HSV	136°, 48%, 98%
XYZ	50.4681, 76.4640, 46.7494
YIQ	205.0880, -43.2720, -52.8080

Conversions

Conversions Part 2

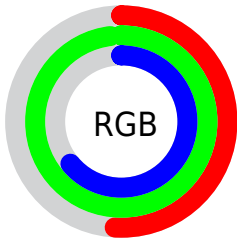
Format	Color
RYB	131, 226, 251
Decimal	8649635
CIELab	90.07, -52.33, 32.01
CIElCh	90, 61.345, 148.552
Yxy	76.4640, 0.2906, 0.4403
Android (android.graphics.Color)	4286839715 (0xFF83FBA3)
YUV	205.0880, -20.7494, -64.9752
Hunter-Lab	87.4437, -50.0052, 29.5128

Details

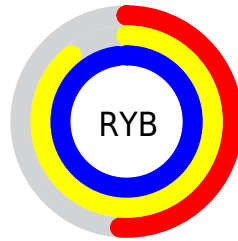
The Hex color **83FBA3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FB83DB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **BEFFDA**, and **47C26E** is the 20% darker color. If you saturate the color by 10%, you get **6AFB91**, and if you desaturate by 10%, it is **9CFBB5**.

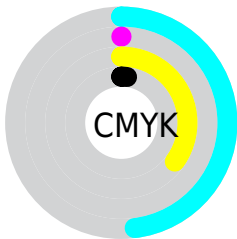
Distribution



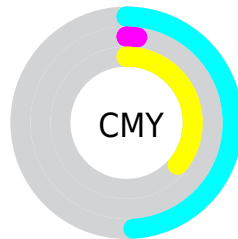
- Red (51%)
- Green (98%)
- Blue (64%)



- Red (51%)
- Yellow (89%)
- Blue (98%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (49%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83FBA3 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 83FBA3 by changing the saturation by 10% instead.

 83FBA3

FFFFFF

 BEFFDA

 DBFFF7

 F9FFFF

 83FBA3

 65DE88

 47C26E

 22A655

 008B3D

 007025

 00570D

 003E00

 002800

 000100

 83FBA3

 83FBA3

 6AFB91

 9CFBB5

 51FB7E

 B5FBC8

 38FB6C

 CEFBDA

 1FFB59

 E7FBED

 05FB47

 FFFBFF

 00FB43

Harmonies

Analogous

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



CDF077



83FBA3



00FFDE

Triad

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



83FBA3



72EAFF



FFB7AE

Complementary

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



83FBA3



FB83DB

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.



FFB2E8



83FBA3



E2D4FF

Square

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



83FBA3



00F8FF



FFBEFF



FFC97F

Rectangle

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



83FBA3



00FFFF



FFBEFF



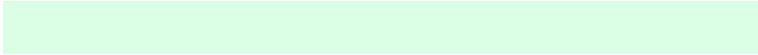
FFB3C0

Sweetspot

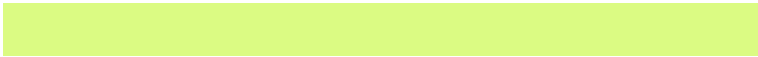
The Sweet Spot groups the original color and five complimentary colors.



83FBA3



DBFFE5



DBFB83



6A8070



000000



808080

Same Dimension

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



83FBA3



6EFF94



83FBDF



707D74



00BD32



003D10

Inverse Universe

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



FB83DB



FF6ED8



FB839F



7D707A



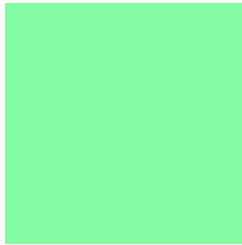
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 83FBA3 looks on a white background.

Color Contrast Check

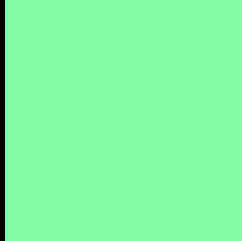
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 83FBA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

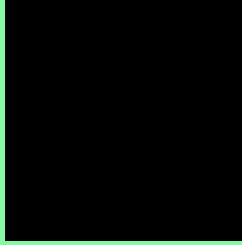
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

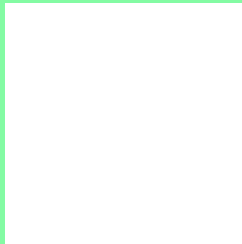
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83FBA3 Background



This preview shows how black text looks on a background with the Hex color 83FBA3.

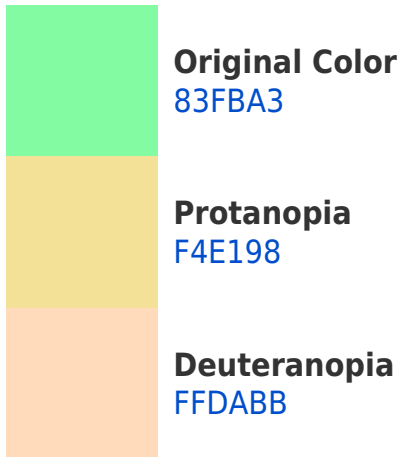


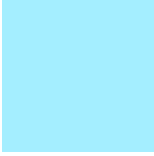
This preview shows how white text looks on a background with the Hex color 83FBA3.

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](#).

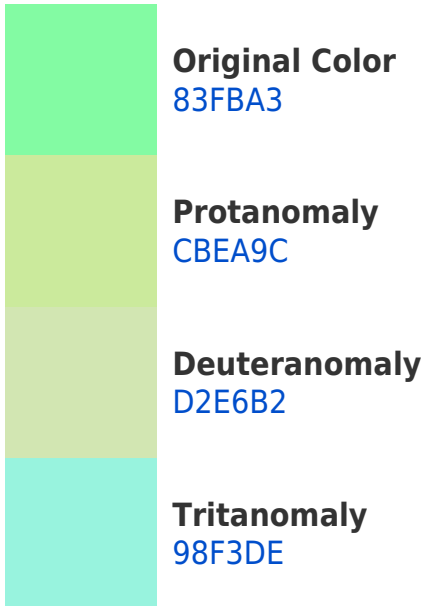
Dichromacy



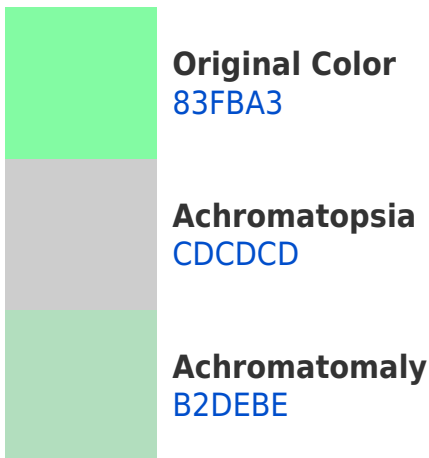


Tritanopia
A4EEFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83FBA3 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 #83FBA3 looks like.

```
.text, #text, p{  
    color:#83FBA3  
}
```

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 #83FBA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83FBA3
}
```

Border

The CSS property to change the border of an element to Hex 83FBA3 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
#83FBA3 }
```

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

```
.border{ border-color:#83FBA3 }
```

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

Here you see how a box with a 4 pixel #83FBA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83FBA3; -webkit-box-shadow:4px 4px  
4px 4px #83FBA3; box-shadow:4px 4px 4px  
4px #83FBA3 }
```

Background

The CSS property to change the background color of an element to Hex 83FBA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83FBA3 }
```

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

```
.background{ background-color:#83FBA3 }
```

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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