

Converting Colors

Hex(85FBA3)

Have a look what the booklet for
Hex(85FBA3) contains.

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Color

Hex(85FBA3)

Conversions

Conversions Part 1

Format	Color
Hex	85FBA3
RGB	133, 251, 163
RGB Percent	52%, 98%, 64%
CMY	0.4784, 0.0157, 0.3608
CMYK	0.47, 0.00, 0.35, 0.02
HSL	135°, 94%, 75%
HSV	135°, 47%, 98%
XYZ	50.7809, 76.6252, 46.7641
YIQ	205.6860, -42.0800, -52.3840

Conversions

Conversions Part 2

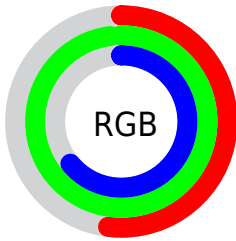
Format	Color
RYB	133, 227, 251
Decimal	8780707
CIELab	90.15, -51.82, 32.12
CIELCh	90, 60.967, 148.209
Yxy	76.6252, 0.2916, 0.4399
Android (android.graphics.Color)	4286970787 (0xFF85FBA3)
YUV	205.6860, -21.0442, -63.7456
Hunter-Lab	87.5358, -49.6371, 29.6008

Details

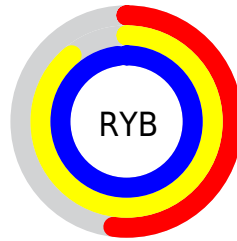
The Hex color **85FBA3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FB85DD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BFFFDA**, and **49C26E** is the 20% darker color. If you saturate the color by 10%, you get **6CFB90**, and if you desaturate by 10%, it is **9EFBB6**.

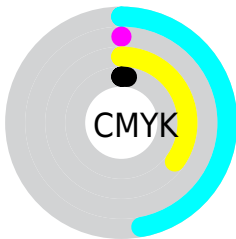
Distribution



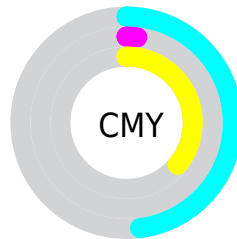
- Red (52%)
- Green (98%)
- Blue (64%)



- Red (52%)
- Yellow (89%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (48%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85FBA3 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 85FBA3 by changing the saturation by 10% instead.

 85FBA3

FFFFFF

 BFFFFA

 DDFFF7

 FBFFFF

 85FBA3

 68DE88

 49C26E

 26A655

 008B3D

 007025

 00570D

 003E00

 002800

 000100

 85FBA3

 85FBA3

 6CFB90

 9EFBB6

 53FB7E

 B7FBC8

 3AFB6B

 D0FBDB

 21FB58

 E9FBEE

 08FB45

 FFFBFF

 00FB40

Harmonies

Analogous

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



CEF078



85FBA3



00FFDD

Triad

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



85FBA3



72EAFF



FFB7AF

Complementary

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



85FBA3



FB85DD

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.



FFB2E9



85FBA3



E1D5FF

Square

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



85FBA3



00F9FF



FFBFFF



FFC981

Rectangle

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



85FBA3



00FFFF



FFBFFF



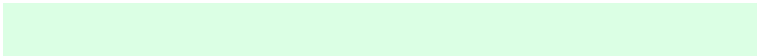
FFB3C1

Sweetspot

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



85FBA3



DBFFE4



DDFB85



6A806F



000000



808080

Same Dimension

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



85FBA3



70FF95



85FBDD



707D74



00BD30



003D10

Inverse Universe

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



FB85DD



FF70DB



FB85A3



7D707A



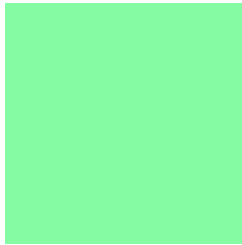
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 85FBA3 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 85FBA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

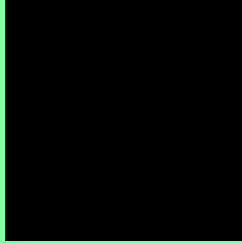
Any Text WCAG AA ✓ Pass

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 85FBA3 Background



This preview shows how black text looks on a background with the Hex color 85FBA3.

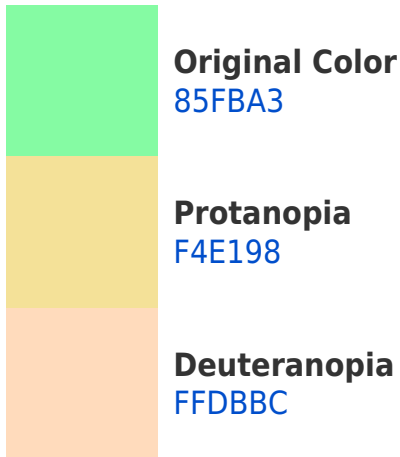


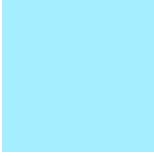
This preview shows how white text looks on a background with the Hex color 85FBA3.

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



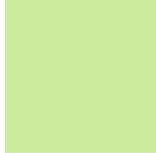


Tritanopia
A5EEFF

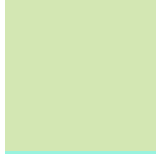
Trichromacy



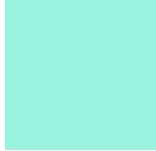
Original Color
85FBA3



Protanomaly
CCEA9C

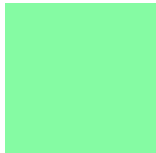


Deuteranomaly
D3E7B3

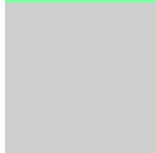


Tritanomaly
99F3DE

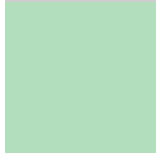
Monochromacy



Original Color
85FBA3



Achromatopsia
CECECE



Achromatomaly
B3DEBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 85FBA3 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 #85FBA3 looks like.

```
.text, #text, p{  
    color:#85FBA3  
}
```

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 #85FBA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FBA3  
}
```

Border

The CSS property to change the border of an element to Hex 85FBA3 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  
#85FBA3 }
```

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

```
.border{ border-color:#85FBA3 }
```

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

Here you see how a box with a 4 pixel #85FBA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FBA3; -webkit-box-shadow:4px 4px  
4px 4px #85FBA3; box-shadow:4px 4px 4px  
4px #85FBA3 }
```

Background

The CSS property to change the background color of an element to Hex 85FBA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FBA3 }
```

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

```
.background{ background-color:#85FBA3 }
```

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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