

Converting Colors

Hex(83FF8B)

Have a look what the booklet for
Hex(83FF8B) contains.

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Color

Hex(83FF8B)

Conversions

Conversions Part 1

Format	Color
Hex	83FF8B
RGB	131, 255, 139
RGB Percent	51%, 100%, 55%
CMY	0.4863, 0.0000, 0.4549
CMYK	0.49, 0.00, 0.45, 0.00
HSL	124°, 100%, 76%
HSV	124°, 49%, 100%
XYZ	49.7803, 78.2094, 36.8983
YIQ	204.7000, -36.6680, -62.3640

Conversions

Conversions Part 2

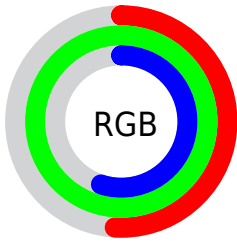
Format	Color
RYB	131, 247, 255
Decimal	8650635
CIELab	90.88, -57.63, 44.83
CIELCh	91, 73.017, 142.123
Yxy	78.2094, 0.3019, 0.4743
Android (android.graphics.Color)	4286840715 (0xFF83FF8B)
YUV	204.7000, -32.3901, -64.6349
Hunter-Lab	88.4361, -54.2862, 37.1676

Details

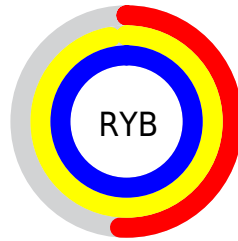
The Hex color **83FF8B** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF83F7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **BEFFC2**, and **45C556** is the 20% darker color. If you saturate the color by 10%, you get **6AFF73**, and if you desaturate by 10%, it is **9CFFA3**.

Distribution



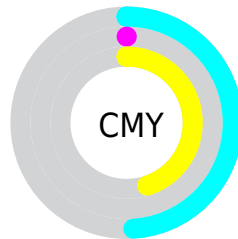
- Red (51%)
- Green (100%)
- Blue (55%)



- Red (51%)
- Yellow (97%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83FF8B 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 83FF8B by changing the saturation by 10% instead.

 83FF8B

 83FF8B

FFFFFF

 65E270

 BEFFC2

 45C556

 DCFFDE

 1DA93D

 FBFFFB

 008E23

 007401


 005A00

 004100

 002A00

 000600

 83FF8B

 83FF8B

 6AFF73

 9CFFA3

 50FF5B

 B6FFBB

 37FF43

 D0FFD3

 1DFF2C

 E9FFEA

 04FF14

FFFFFF

 00FF10

Harmonies

Analogous

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



D9F15A



83FF8B



00FFCF

Triad

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



83FF8B



00F2FF



FFAAB4

Complementary

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



83FF8B



FF83F7

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.



FFA8FA



83FF8B



C8DAFF

Square

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



83FF8B



00FFFF



FFBDFD



FFC078

Rectangle

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



83FF8B



00FFFF



FFBDFD



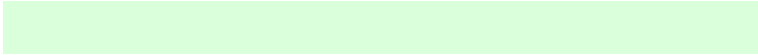
FFA7CB

Sweetspot

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



83FF8B



D9FFDB



F9FF83



69806A



000000



808080

Same Dimension

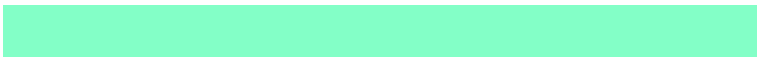
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83FF8B



6BFF75



83FFC7



738074



00BF0C



004004

Inverse Universe

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



FF83F7



FF6BF5



FF83BB



80737F



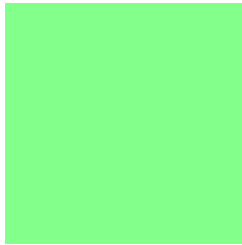
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 83FF8B looks on a white background.

Color Contrast Check

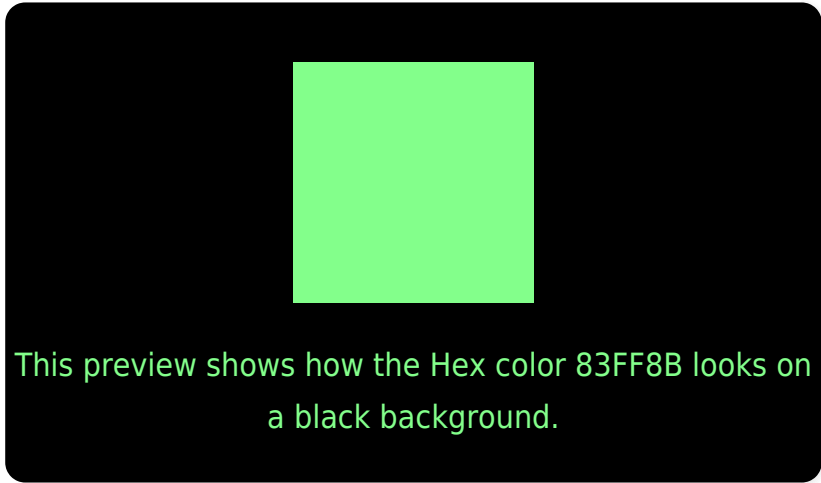
Large Text (above 18pt) WCAG AA × Fail

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

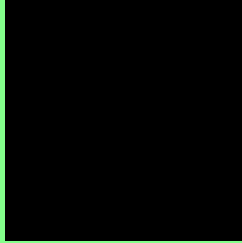
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

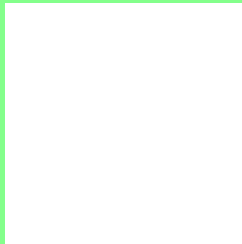
Any Text WCAG AAA ✓ Pass

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

Hex 83FF8B Background



This preview shows how black text looks on a background with the Hex color 83FF8B.

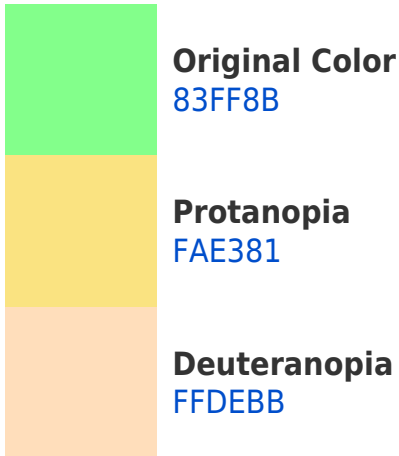


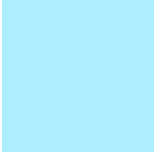
This preview shows how white text looks on a background with the Hex color 83FF8B.

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



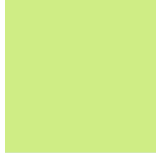


Tritanopia
ADEFFF

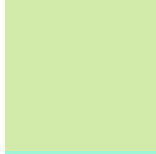
Trichromacy



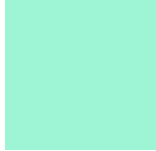
Original Color
83FF8B



Protanomaly
CFED85



Deuteranomaly
D2EAAA

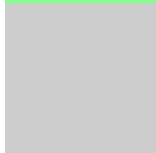


Tritanomaly
9EF5D5

Monochromacy



Original Color
83FF8B



Achromatopsia
CDCDCD



Achromatomaly
B2DFB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 83FF8B 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 #83FF8B looks like.

```
.text, #text, p{  
    color:#83FF8B  
}
```

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 #83FF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83FF8B
}
```

Border

The CSS property to change the border of an element to Hex 83FF8B 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
#83FF8B }
```

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

```
.border{ border-color:#83FF8B }
```

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

Here you see how a box with a 4 pixel #83FF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83FF8B; -webkit-box-shadow:4px 4px  
4px 4px #83FF8B; box-shadow:4px 4px 4px  
4px #83FF8B }
```

Background

The CSS property to change the background color of an element to Hex 83FF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83FF8B }
```

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

```
.background{ background-color:#83FF8B }
```

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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