

# Converting Colors

Hex(8BFD9E)

Have a look what the booklet for  
Hex(8BFD9E) contains.

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# Color

**Hex(8BFD9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BFD9E
RGB	139, 253, 158
RGB Percent	55%, 99%, 62%
CMY	0.4549, 0.0078, 0.3804
CMYK	0.45, 0.00, 0.38, 0.01
HSL	130°, 97%, 77%
HSV	130°, 45%, 99%
XYZ	51.9443, 78.2081, 44.7057
YIQ	208.0840, -37.4490, -53.7130

# Conversions

## Conversions Part 2

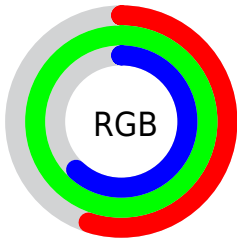
Format	Color
<a href="#">RYB</a>	<a href="#">139, 237, 253</a>
Decimal	<a href="#">9174430</a>
CIELab	<a href="#">90.87, -51.87, 35.62</a>
CIElCh	<a href="#">91, 62.925, 145.526</a>
Yxy	<a href="#">78.2081, 0.2971, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4287364510 (0xFF8BFD9E)</a>
YUV	<a href="#">208.0840, -24.6914, -60.5867</a>
Hunter-Lab	<a href="#">88.4354, -49.9163, 31.9326</a>

# Details

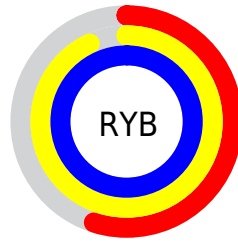
The Hex color **8BFD9E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FD8BEA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C5FFD5**, and **50C469** is the 20% darker color. If you saturate the color by 10%, you get **72FD89**, and if you desaturate by 10%, it is **A4FDB3**.

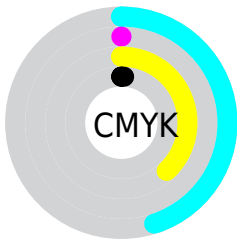
# Distribution



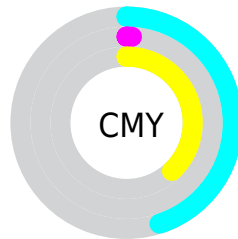
- Red (55%)
- Green (99%)
- Blue (62%)



- Red (55%)
- Yellow (93%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BFD9E 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 8BFD9E by changing the saturation by 10% instead.



 8BFD9E

 8BFD9E

FFFFFF

 6EE083

 C5FFD5

 50C469

 E3FFF2

 2FA850

 008D38

 00721F

 005904

 004000

 002A00

 000600

 8BFD9E

 8BFD9E

 72FD89

 A4FDB3

 58FD74

 BEFDC8

 3FFD5F

 D7FDDD

 26FD4A

 F0FDF2

 0DFD35

FFFDF2

 00FD2A

# Harmonies

## Analogous

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



D5F173



8BFD9E



00FFD9

# Triad

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



8BFD9E



5CEEFF



FFB6B4

# Complementary

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



8BFD9E



FD8BEA

# 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.



FFB3F0



8BFD9E



DBD9FF

# Square

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



8BFD9E



00FCFF



FFC1FF



FFC883

# Rectangle

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



8BFD9E



00FFFF



FFC1FF



FFB3C8

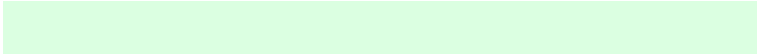


# Sweetspot

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



8BFD9E



DBFFE1



EAFD8B



6A806D



000000

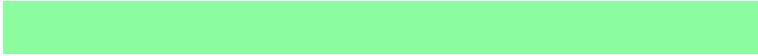


808080



# Same Dimension

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



8BFD9E



75FF8C



8BFDD7



738075



00BF20



00400B



# Inverse Universe

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



FD8BEA



FF75E8



FD8BB1



80737D



BF009F

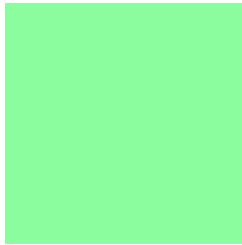


400035



# Previews

## White Background



This preview shows how the Hex color 8BFD9E looks on a white background.

## Color Contrast Check

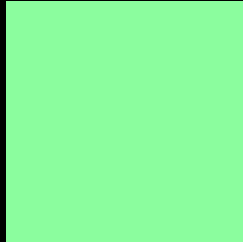
Large Text (above 18pt) WCAG AA × Fail

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 8BFD9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

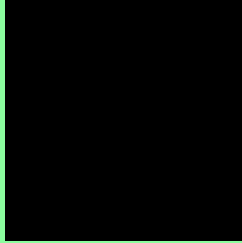
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BFD9E Background



This preview shows how black text looks on a background with the Hex color 8BFD9E.

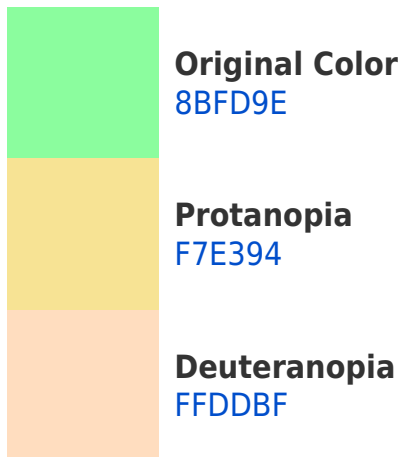


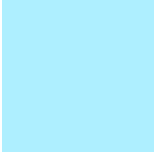
This preview shows how white text looks on a background with the Hex color 8BFD9E.

# 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



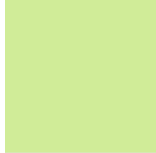


**Tritanopia**  
AEEFFF

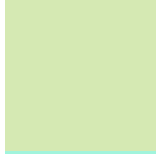
# Trichromacy



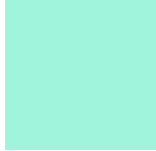
**Original Color**  
8BFD9E



**Protanomaly**  
D0EC98

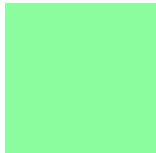


**Deuteranomaly**  
D5E9B3

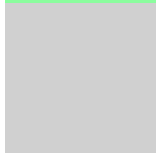


**Tritanomaly**  
A1F4DC

# Monochromacy



**Original Color**  
8BFD9E



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
B7E0BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BFD9E 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 #8BFD9E looks like.

```
.text, #text, p{  
    color:#8BFD9E  
}
```

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 #8BFD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BFD9E
}
```

## Border

The CSS property to change the border of an element to Hex 8BFD9E 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
#8BFD9E }
```

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

```
.border{ border-color:#8BFD9E }
```

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

Here you see how a box with a 4 pixel #8BFD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BFD9E; -webkit-box-shadow:4px 4px  
4px 4px #8BFD9E; box-shadow:4px 4px 4px  
4px #8BFD9E }
```

# Background

The CSS property to change the background color of an element to Hex 8BFD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BFD9E }
```

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

```
.background{ background-color:#8BFD9E }
```

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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