

Converting Colors

Hex(9BF9AE)

Have a look what the booklet for
Hex(9BF9AE) contains.

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Color

Hex(9BF9AE)

Conversions

Conversions Part 1

Format	Color
Hex	9BF9AE
RGB	155, 249, 174
RGB Percent	61%, 98%, 68%
CMY	0.3922, 0.0235, 0.3176
CMYK	0.38, 0.00, 0.30, 0.02
HSL	132°, 89%, 79%
HSV	132°, 38%, 98%
XYZ	55.0332, 77.7759, 52.1561
YIQ	212.3440, -31.9490, -43.2530

Conversions

Conversions Part 2

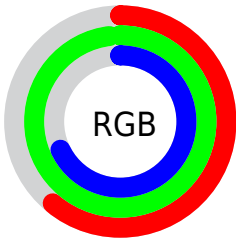
Format	Color
RYB	155, 233, 249
Decimal	10221998
CIELab	90.68, -43.08, 27.44
CIElCh	91, 51.074, 147.503
Yxy	77.7759, 0.2975, 0.4205
Android (android.graphics.Color)	4288412078 (0xFF9BF9AE)
YUV	212.3440, -18.9036, -50.2907
Hunter-Lab	88.1907, -42.9451, 26.6693

Details

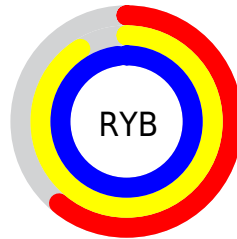
The Hex color **9BF9AE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F99BE6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D4FFE6**, and **63C079** is the 20% darker color. If you saturate the color by 10%, you get **82F99A**, and if you desaturate by 10%, it is **B4F9C2**.

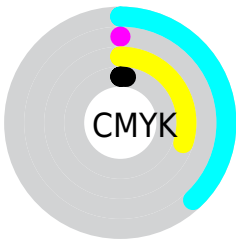
Distribution



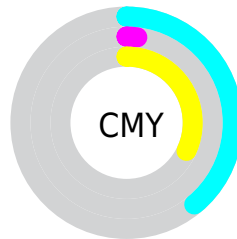
- Red (61%)
- Green (98%)
- Blue (68%)



- Red (61%)
- Yellow (91%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF9AE 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 9BF9AE by changing the saturation by 10% instead.

 9BF9AE

 9BF9AE

FFFFFF

 7FDC93

 D4FFE6

 63C079

 F2FFFF

 47A460

 298A47

 007030

 005619

 003E01

 002900

 000500

 9BF9AE

 9BF9AE

 82F99A

 B4F9C2

 69F986

 CDF9D6

 50F972

 E6F9EA

 37F95F

 FFF9FD

 1EF94B

 FFF9FF

 06F937

 00F932

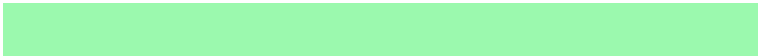
Harmonies

Analogous

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



D6EF8B



9BF9AE



50FEDE

Triad

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



9BF9AE



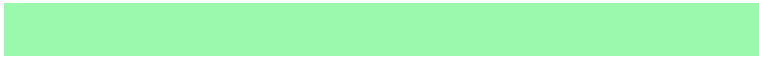
91EAFF



FFC1BA

Complementary

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



9BF9AE



F99BE6

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.



FFBEEA



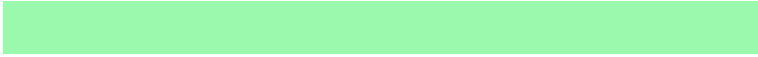
9BF9AE



E3D9FF

Square

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



9BF9AE



08F7FF



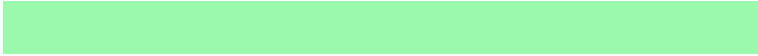
FFC8FF



FFCF93

Rectangle

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



9BF9AE



00FEFF



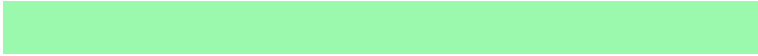
FFC8FF



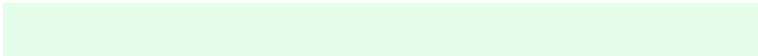
FFBEC9

Sweetspot

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



9BF9AE



E3FFE9



E6F99B



6F8072



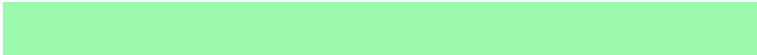
000000



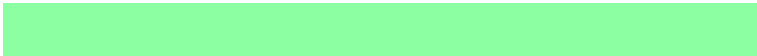
808080

Same Dimension

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



9BF9AE



8CFFA3



9BF9DD



707D73



00BD26



003D0C

Inverse Universe

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



F99BE6



FF8CE8



F99BB7



7D707A



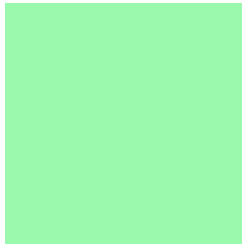
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 9BF9AE 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 9BF9AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

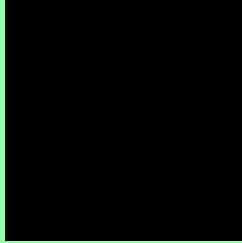
Any Text WCAG AA ✓ Pass

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 9BF9AE Background



This preview shows how black text looks on a background with the Hex color 9BF9AE.

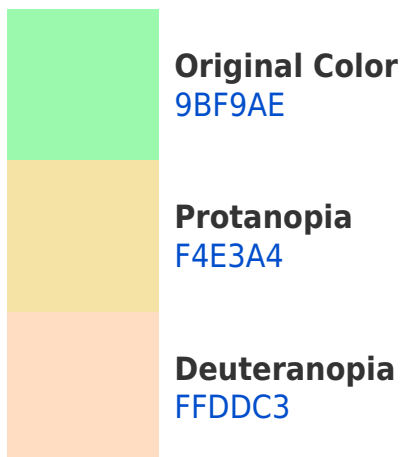


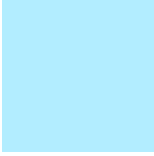
This preview shows how white text looks on a background with the Hex color 9BF9AE.

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



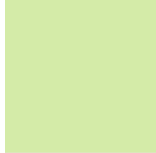


Tritanopia
B2EDFF

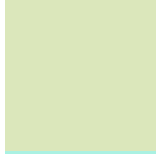
Trichromacy



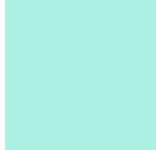
Original Color
9BF9AE



Protanomaly
D4EBA8

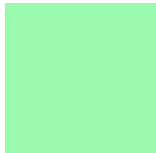


Deuteranomaly
DBE7BB

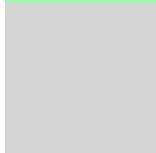


Tritanomaly
AAF1E2

Monochromacy



Original Color
9BF9AE



Achromatopsia
D4D4D4



Achromatomaly
BFE1C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF9AE 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 #9BF9AE looks like.

```
.text, #text, p{  
    color:#9BF9AE  
}
```

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 #9BF9AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF9AE
}
```

Border

The CSS property to change the border of an element to Hex 9BF9AE 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
#9BF9AE }
```

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

```
.border{ border-color:#9BF9AE }
```

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

Here you see how a box with a 4 pixel #9BF9AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF9AE; -webkit-box-shadow:4px 4px  
4px 4px #9BF9AE; box-shadow:4px 4px 4px  
4px #9BF9AE }
```

Background

The CSS property to change the background color of an element to Hex 9BF9AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF9AE }
```

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

```
.background{ background-color:#9BF9AE }
```

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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