

Converting Colors

Hex(9BFFBB)

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

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Color

Hex(9BFFBB)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFBB
RGB	155, 255, 187
RGB Percent	61%, 100%, 73%
CMY	0.3922, 0.0000, 0.2667
CMYK	0.39, 0.00, 0.27, 0.00
HSL	139°, 100%, 80%
HSV	139°, 39%, 100%
XYZ	58.2472, 82.0764, 59.7861
YIQ	217.3480, -37.7720, -42.3480

Conversions

Conversions Part 2

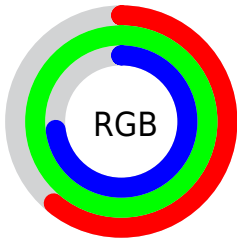
Format	Color
RYB	155, 231, 255
Decimal	10223547
CIELab	92.61, -43.44, 23.48
CIELCh	93, 49.381, 151.605
Yxy	82.0764, 0.2911, 0.4102
Android (android.graphics.Color)	4288413627 (0xFF9BFFBB)
YUV	217.3480, -14.9616, -54.6792
Hunter-Lab	90.5960, -43.7795, 24.2906

Details

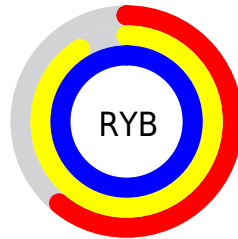
The Hex color **9BFFBB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9BDF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D5FFF3**, and **63C685** is the 20% darker color. If you saturate the color by 10%, you get **82FFAA**, and if you desaturate by 10%, it is **B4FFCC**.

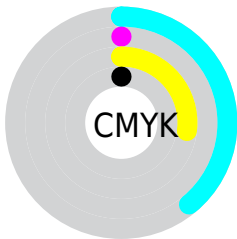
Distribution



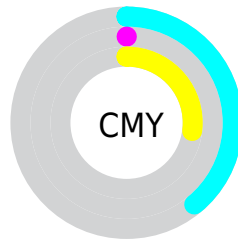
- Red (61%)
- Green (100%)
- Blue (73%)



- Red (61%)
- Yellow (91%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 9BFFBB

 9BFFBB

FFFFFF

 7FE2A0

 D5FFF3

 63C685

 F2FFFF

 46AA6C

 268F53

 00753C

 005B25

 00430F

 002C00

 001100

 9BFFB8

 9BFFB8

 82FFA8

 B4FFC8

 68FF98

 CEFFD8

 4FFF87

 E8FFE7

 35FF76

FFFFFF

 1BFF64

 02FF53

 00FF52

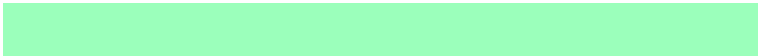
Harmonies

Analogous

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



D5F697



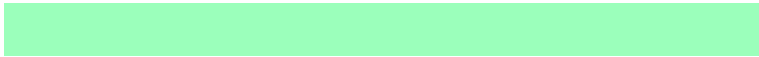
9BFFBB



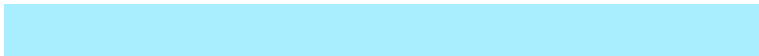
56FFEB

Triad

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



9BFFBB



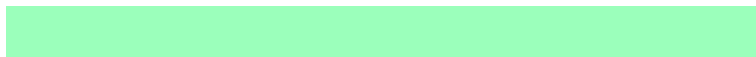
A8EEFF



FFC9BA

Complementary

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



9BFFBB



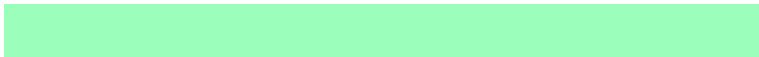
FF9BDF

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.



FFC4E9



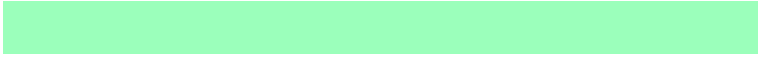
9BFFBB



F2DDFF

Square

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



9BFFBB



4CFBFF



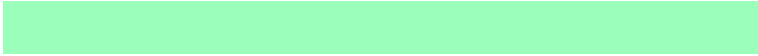
FFCCFF



FFD797

Rectangle

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



9BFFBB



0FFFFF



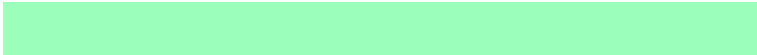
FFCCFF



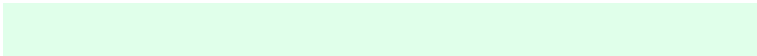
FFC6C9

Sweetspot

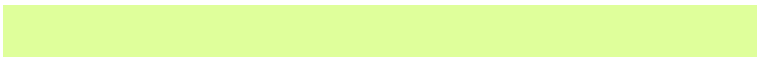
The Sweet Spot groups the original color and five complimentary colors.



9BFFBB



E0FFEA



DFFF9B



6E8073



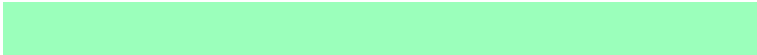
000000



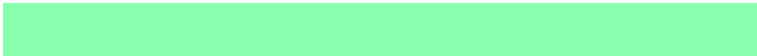
808080

Same Dimension

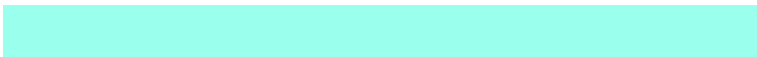
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9BFFBB



87FFAE



9BFFED



738077



00BF3D



004014

Inverse Universe

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



FF9BDF



FF87D9



FF9BAD



80737B



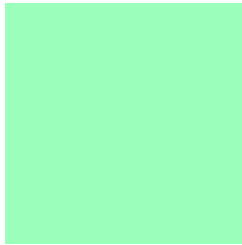
BF0082



40002B

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

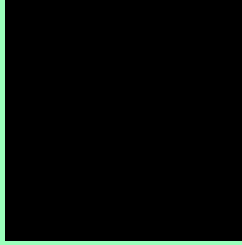
Any Text WCAG AA ✓ Pass

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 9BFFBB Background



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

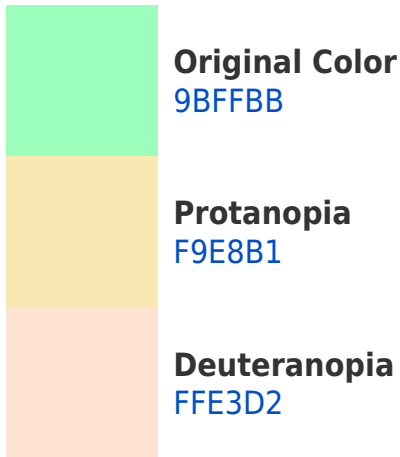


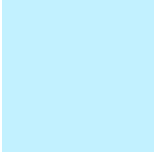
This preview shows how white text looks on a background with the Hex color 9BFFBB.

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



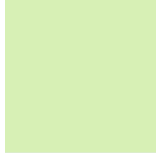


Tritanopia
C2F1FF

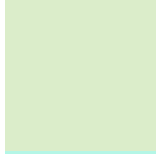
Trichromacy



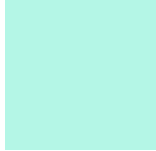
Original Color
9BFFBB



Protanomaly
D7F0B5

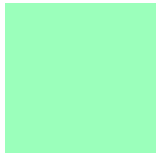


Deuteranomaly
DBEDCA

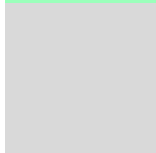


Tritanomaly
B4F6E6

Monochromacy



Original Color
9BFFBB



Achromatopsia
D9D9D9



Achromatomaly
C2E7CE

CSS Examples

Text

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

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

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 #9BFFBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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