

Converting Colors

Hex(9BFFB1)

Have a look what the booklet for
Hex(9BFFB1) contains.

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Color

Hex(9BFFB1)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFB1
RGB	155, 255, 177
RGB Percent	61%, 100%, 69%
CMY	0.3922, 0.0000, 0.3059
CMYK	0.39, 0.00, 0.31, 0.00
HSL	133°, 100%, 80%
HSV	133°, 39%, 100%
XYZ	57.2134, 81.6629, 54.3420
YIQ	216.2080, -34.5620, -45.4580

Conversions

Conversions Part 2

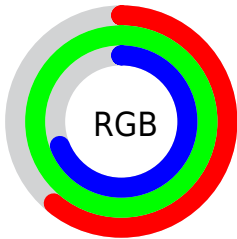
Format	Color
RYB	155, 237, 255
Decimal	10223537
CIELab	92.43, -45.18, 28.30
CIElCh	92, 53.311, 147.940
Yxy	81.6629, 0.2961, 0.4226
Android (android.graphics.Color)	4288413617 (0xFF9BFFB1)
YUV	216.2080, -19.3295, -53.6794
Hunter-Lab	90.3675, -45.1314, 27.6035

Details

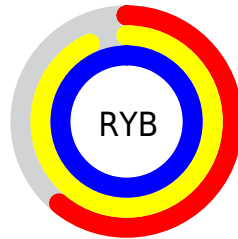
The Hex color **9BFFB1** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF9BE9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D5FFE9**, and **63C67C** is the 20% darker color. If you saturate the color by 10%, you get **82FF9D**, and if you desaturate by 10%, it is **B4FFC5**.

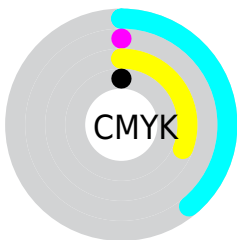
Distribution



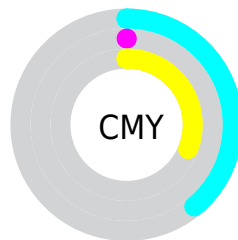
- Red (61%)
- Green (100%)
- Blue (69%)



- Red (61%)
- Yellow (93%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFFB1 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 9BFFB1 by changing the saturation by 10% instead.

 9BFFB1

 9BFFB1

FFFFFF

 7FE296

 D5FFE9

 63C67C

 F2FFFF

 46AA62

 268F4A

 007532

 005B1B

 004303

 002C00

 001000

 9BFFB1

 9BFFB1

 82FF9D

 B4FFC5

 68FF89

 CEFFD9

 4FFF75

 E8FFED

 35FF61

FFFFFF

 1BFF4E

 02FF3A

 00FF38

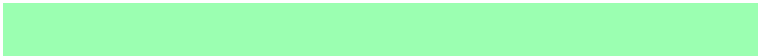
Harmonies

Analogous

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



D9F58C



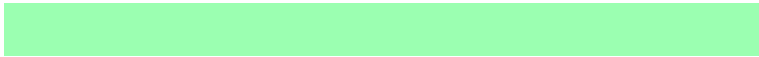
9BFFB1



48FFE4

Triad

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



9BFFB1



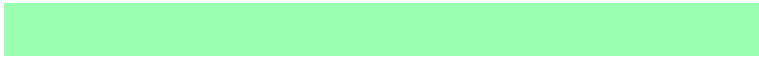
92F0FF



FFC4BC

Complementary

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



9BFFB1



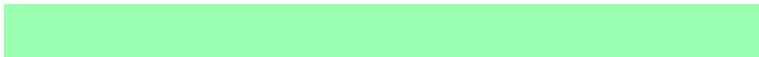
FF9BE9

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.



FFC1EF



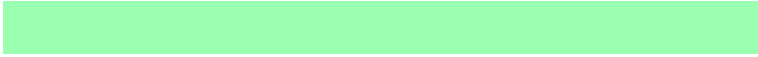
9BFFB1



E9DDFF

Square

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



9BFFB1



00DFF



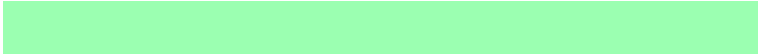
FFCBFF



FFD394

Rectangle

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



9BFFB1



00FFFF



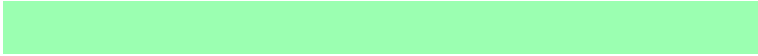
FFCBFF



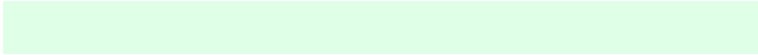
FFC1CC

Sweetspot

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



9BFFB1



E0FFE7



E9FF9B



6E8072



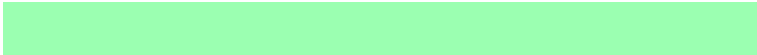
000000



808080

Same Dimension

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



9BFFB1



87FFA2



9BFFE3



738076



00BF2A



00400E

Inverse Universe

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



FF9BE9



FF87E5



FF9BB7



80737D



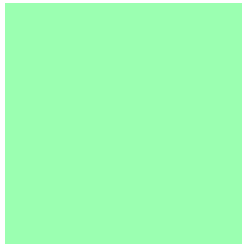
BF0095



400032

Previews

White Background



This preview shows how the Hex color 9BFFB1 looks on a white background.

Color Contrast Check

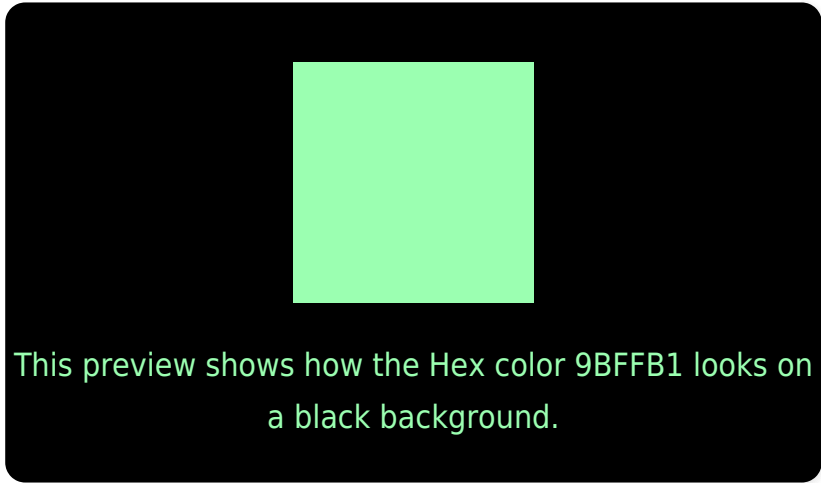
Large Text (above 18pt) WCAG AA × Fail

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

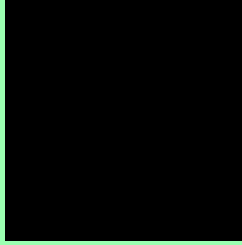
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

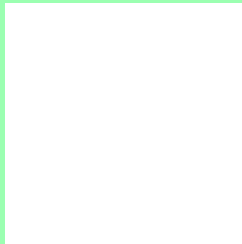
Any Text WCAG AAA ✓ Pass

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

Hex 9BFFB1 Background



This preview shows how black text looks on a background with the Hex color 9BFFB1.

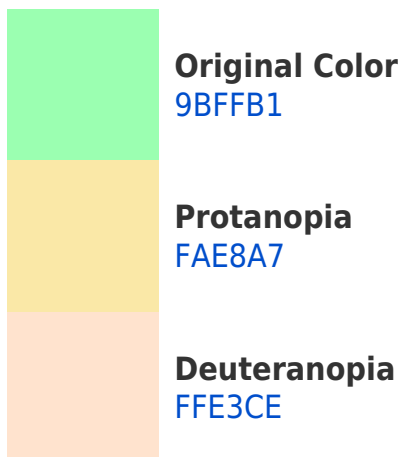


This preview shows how white text looks on a background with the Hex color 9BFFB1.

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



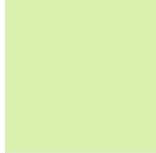


Tritanopia
C0F1FF

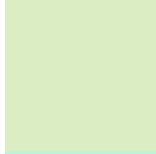
Trichromacy



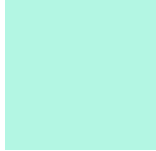
Original Color
9BFFB1



Protanomaly
D7F0AB

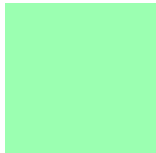


Deuteranomaly
DBEDC3

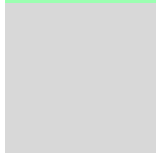


Tritanomaly
B3F6E3

Monochromacy



Original Color
9BFFB1



Achromatopsia
D8D8D8



Achromatomaly
C2E6CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFFB1 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 #9BFFB1 looks like.

```
.text, #text, p{  
    color:#9BFFB1  
}
```

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 #9BFFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFFB1
}
```

Border

The CSS property to change the border of an element to Hex 9BFFB1 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
#9BFFB1 }
```

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

```
.border{ border-color:#9BFFB1 }
```

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

Here you see how a box with a 4 pixel #9BFFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFFB1; -webkit-box-shadow:4px 4px  
4px 4px #9BFFB1; box-shadow:4px 4px 4px  
4px #9BFFB1 }
```

Background

The CSS property to change the background color of an element to Hex 9BFFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFFB1 }
```

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

```
.background{ background-color:#9BFFB1 }
```

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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