

Converting Colors

Hex(99FFBB)

Have a look what the booklet for
Hex(99FFBB) contains.

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Color

Hex(99FFBB)

Conversions

Conversions Part 1

Format	Color
Hex	99FFBB
RGB	153, 255, 187
RGB Percent	60%, 100%, 73%
CMY	0.4000, 0.0000, 0.2667
CMYK	0.40, 0.00, 0.27, 0.00
HSL	140°, 100%, 80%
HSV	140°, 40%, 100%
XYZ	57.8665, 81.8802, 59.7683
YIQ	216.7500, -38.9640, -42.7720

Conversions

Conversions Part 2

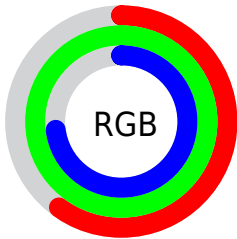
Format	Color
RYB	153, 230, 255
Decimal	10092475
CIELab	92.52, -43.99, 23.35
CIELCh	93, 49.807, 152.043
Yxy	81.8802, 0.2900, 0.4104
Android (android.graphics.Color)	4288282555 (0xFF99FFBB)
YUV	216.7500, -14.6668, -55.9088
Hunter-Lab	90.4877, -44.2033, 24.1795

Details

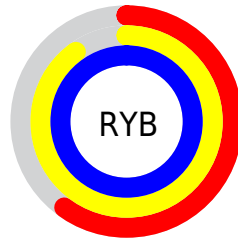
The Hex color **99FFBB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF99DD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D3FFF3**, and **60C685** is the 20% darker color. If you saturate the color by 10%, you get **80FFAA**, and if you desaturate by 10%, it is **B3FFCC**.

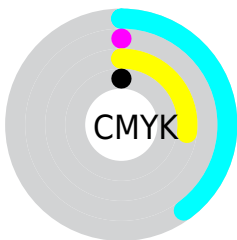
Distribution



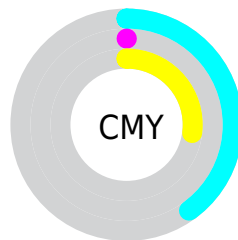
- Red (60%)
- Green (100%)
- Blue (73%)



- Red (60%)
- Yellow (90%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99FFBB 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 99FFBB by changing the saturation by 10% instead.

 99FFBB

 99FFBB

FFFFFF

 7DE2A0

 D3FFF3

 60C685

 F0FFFF

 43AA6C

 238F53

 00753C

 005B25

 00430F

 002C00

 001000

 99FFBB

 99FFBB

 80FFAA

 B3FFCC

 66FF99

 CCFFDD

 4DFF88

 E6FFEE

 33FF77

FFFFFF

 19FF66

 00FF55

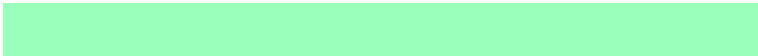
Harmonies

Analogous

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



D3F696



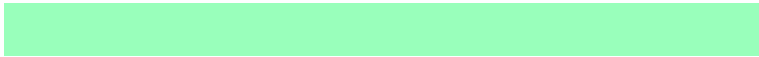
99FFBB



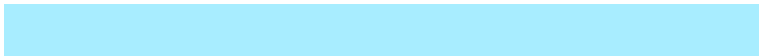
52FFEB

Triad

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



99FFBB



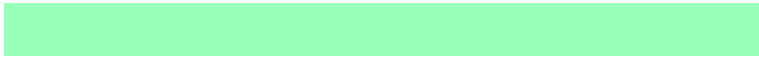
A8EDFF



FFC9B9

Complementary

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



99FFBB



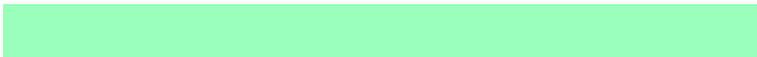
FF99DD

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.



FFC4E8



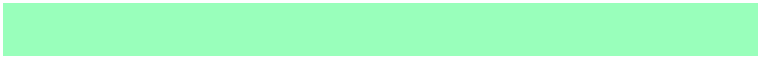
99FFBB



F3DCFF

Square

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



99FFBB



49FAFF



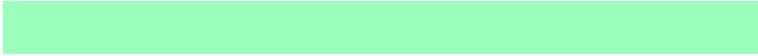
FFCCFF



FFD796

Rectangle

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



99FFBB



00FFFF



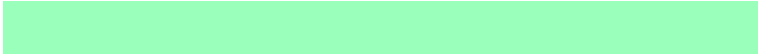
FFCCFF



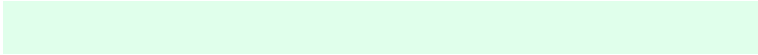
FFC6C8

Sweetspot

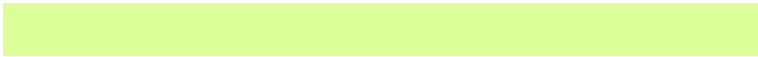
The Sweet Spot groups the original color and five complimentary colors.



99FFBB



E0FFEB



DDFF99



6E8074



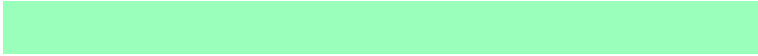
000000



808080

Same Dimension

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



99FFBB



85FFAD



99FFEC



738077



00BF40



004015

Inverse Universe

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



FF99DD



FF85D6



FF99AA



80737B



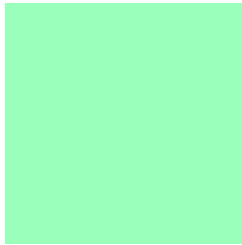
BF0080



40002B

Previews

White Background



This preview shows how the Hex color 99FFBB looks on a white background.

Color Contrast Check

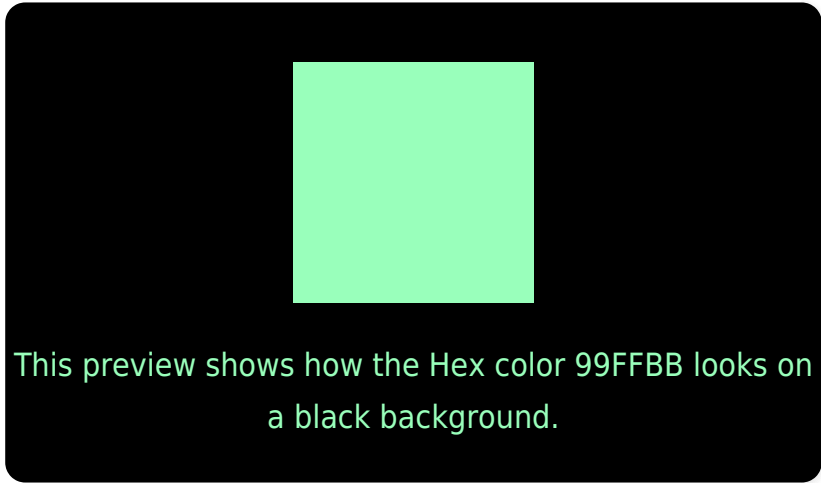
Large Text (above 18pt) WCAG AA × Fail

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

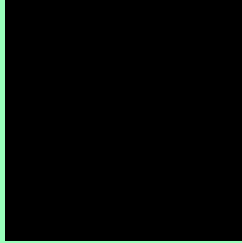
Any Text WCAG AA ✓ Pass

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 99FFBB Background



This preview shows how black text looks on a background with the Hex color 99FFBB.

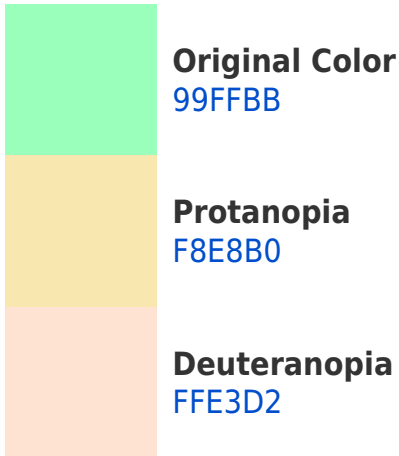


This preview shows how white text looks on a background with the Hex color 99FFBB.

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



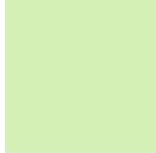


Tritanopia
C0F1FF

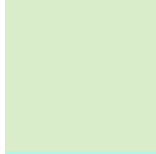
Trichromacy



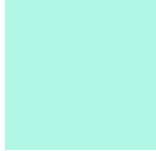
Original Color
99FFBB



Protanomaly
D5F0B4

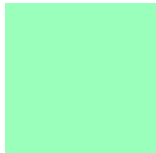


Deuteranomaly
DAEDCA

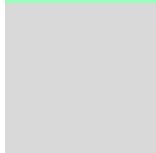


Tritanomaly
B2F6E6

Monochromacy



Original Color
99FFBB



Achromatopsia
D9D9D9



Achromatomaly
C2E7CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 99FFBB 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 #99FFBB looks like.

```
.text, #text, p{  
    color:#99FFBB  
}
```

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 #99FFBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FFBB  
}
```

Border

The CSS property to change the border of an element to Hex 99FFBB 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  
#99FFBB }
```

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

```
.border{ border-color:#99FFBB }
```

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

Here you see how a box with a 4 pixel #99FFBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FFBB; -webkit-box-shadow:4px 4px  
4px 4px #99FFBB; box-shadow:4px 4px 4px  
4px #99FFBB }
```

Background

The CSS property to change the background color of an element to Hex 99FFBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FFBB }
```

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

```
.background{ background-color:#99FFBB }
```

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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