

Converting Colors

Hex(99FFBD)

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

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Color

Hex(99FFBD)

Conversions

Conversions Part 1

Format	Color
Hex	99FFBD
RGB	153, 255, 189
RGB Percent	60%, 100%, 74%
CMY	0.4000, 0.0000, 0.2588
CMYK	0.40, 0.00, 0.26, 0.00
HSL	141°, 100%, 80%
HSV	141°, 40%, 100%
XYZ	58.0822, 81.9664, 60.9040
YIQ	216.9780, -39.6060, -42.1500

Conversions

Conversions Part 2

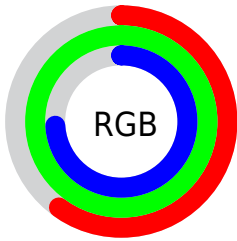
Format	Color
RYB	153, 228, 255
Decimal	10092477
CIELab	92.56, -43.63, 22.38
CIELCh	93, 49.040, 152.841
Yxy	81.9664, 0.2890, 0.4079
Android (android.graphics.Color)	4288282557 (0xFF99FFBD)
YUV	216.9780, -13.7932, -56.1087
Hunter-Lab	90.5353, -43.9216, 23.4898

Details

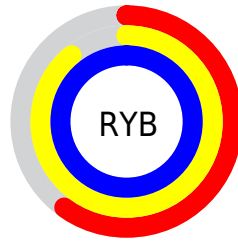
The Hex color **99FFBD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF99DB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D3FFF5**, and **60C687** is the 20% darker color. If you saturate the color by 10%, you get **80FFAD**, and if you desaturate by 10%, it is **B3FFCE**.

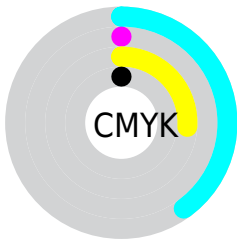
Distribution



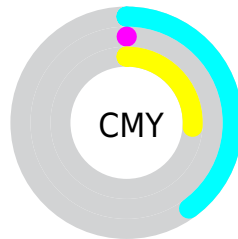
- Red (60%)
- Green (100%)
- Blue (74%)



- Red (60%)
- Yellow (89%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 99FFBD

 99FFBD

FFFFFF

 7DE2A2

 D3FFF5

 60C687

 F0FFFF

 43AA6E

 238F55

 00753E

 005B27

 004311

 002C00

 001000

 99FFBD

 99FFBD

 80FFAD

 B3FFCE

 66FF9C

 CCFFDE

 4DFF8C

 E6FFE7

 33FF7B

FFFFFF

 19FF6B

 00FF5A

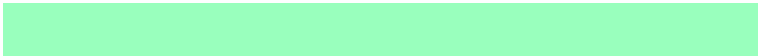
Harmonies

Analogous

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



D2F699



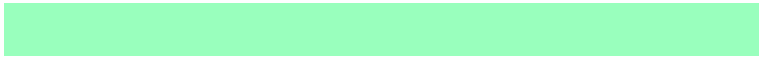
99FFBD



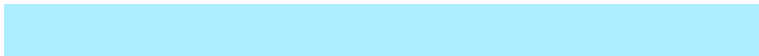
54FFED

Triad

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



99FFBD



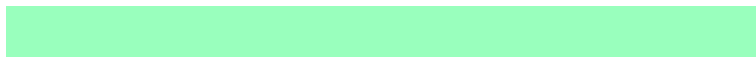
ACEDFF



FFCAB9

Complementary

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



99FFBD



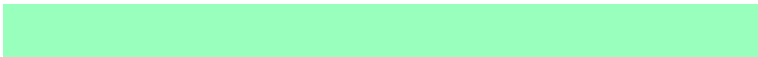
FF99DB

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.



FFC5E7



99FFBD



F5DCFF

Square

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



99FFBD



52FAFF



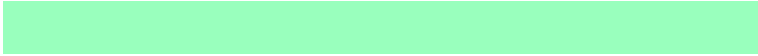
FFCCFF



FFD897

Rectangle

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



99FFBD



13FFFF



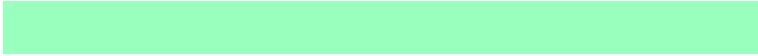
FFCCFF



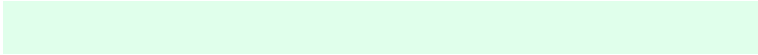
FFC7C7

Sweetspot

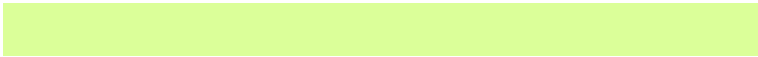
The Sweet Spot groups the original color and five complimentary colors.



99FFBD



E0FFEB



DBFF99



6E8074



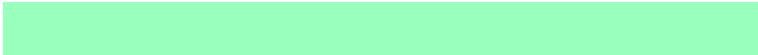
000000



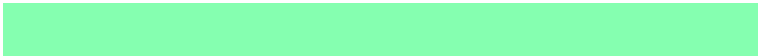
808080

Same Dimension

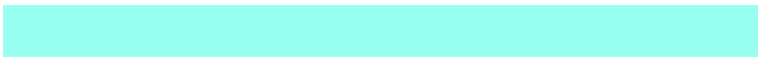
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99FFBD



85FFB0



99FFF0



738077



00BF44



004017

Inverse Universe

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



FF99DB



FF85D4



FF99A8



80737B



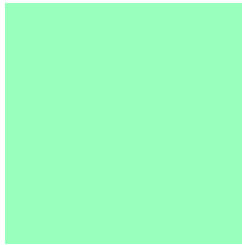
BF007C



400029

Previews

White Background



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

Color Contrast Check

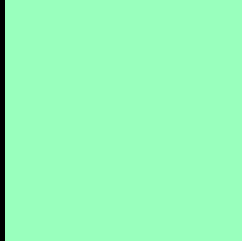
Large Text (above 18pt) WCAG AA × Fail

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 99FFBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

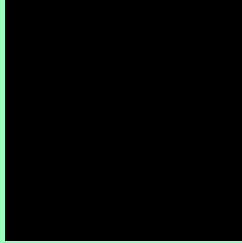
Any Text WCAG AA ✓ Pass

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 99FFBD Background



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

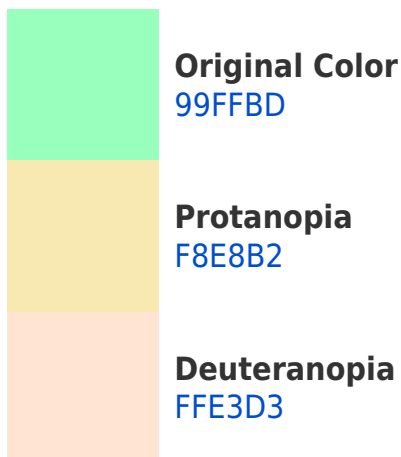


This preview shows how white text looks on a background with the Hex color 99FFBD.

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



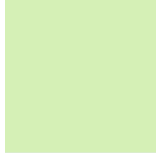


Tritanopia
C0F1FF

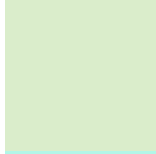
Trichromacy



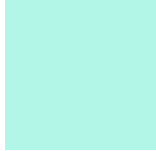
Original Color
99FFBD



Protanomaly
D5F0B6

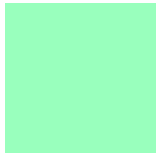


Deuteranomaly
DAEDCB

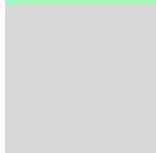


Tritanomaly
B2F6E7

Monochromacy



Original Color
99FFBD



Achromatopsia
D9D9D9



Achromatomaly
C2E7CF

CSS Examples

Text

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

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

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 #99FFBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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