

Converting Colors

Hex(99FFB1)

Have a look what the booklet for
Hex(99FFB1) contains.

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Color

Hex(99FFB1)

Conversions

Conversions Part 1

Format	Color
Hex	99FFB1
RGB	153, 255, 177
RGB Percent	60%, 100%, 69%
CMY	0.4000, 0.0000, 0.3059
CMYK	0.40, 0.00, 0.31, 0.00
HSL	134°, 100%, 80%
HSV	134°, 40%, 100%
XYZ	56.8327, 81.4666, 54.3242
YIQ	215.6100, -35.7540, -45.8820

Conversions

Conversions Part 2

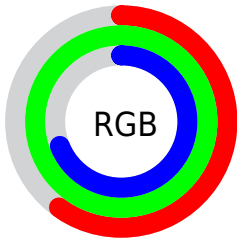
Format	Color
RYB	153, 236, 255
Decimal	10092465
CIELab	92.34, -45.74, 28.17
CIElCh	92, 53.720, 148.379
Yxy	81.4666, 0.2950, 0.4229
Android (android.graphics.Color)	4288282545 (0xFF99FFB1)
YUV	215.6100, -19.0347, -54.9090
Hunter-Lab	90.2589, -45.5581, 27.4963

Details

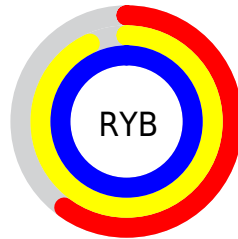
The Hex color **99FFB1** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF99E7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D3FFE9**, and **60C67C** is the 20% darker color. If you saturate the color by 10%, you get **80FF9E**, and if you desaturate by 10%, it is **B3FFC5**.

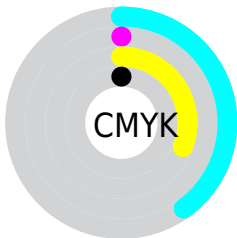
Distribution



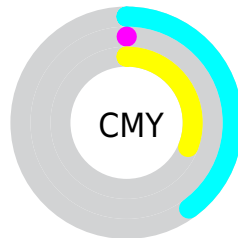
- Red (60%)
- Green (100%)
- Blue (69%)



- Red (60%)
- Yellow (93%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99FFB1 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 99FFB1 by changing the saturation by 10% instead.

 99FFB1

 99FFB1

FFFFFF

 7DE296

 D3FFE9

 60C67C

 F0FFFF

 43AA63

 228F4A


 007532

 005B1B

 004303

 002C00

 000F00

 99FFB1

 99FFB1

 80FF9E

 B3FFC5

 66FF8A

 CCFFD8

 4DFF77

 E6FFEC

 33FF63

FFFFFF

 19FF50

 00FF3C

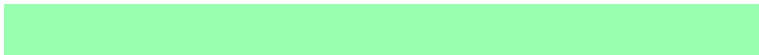
Harmonies

Analogous

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



D8F58C



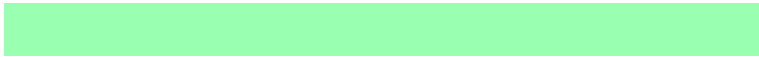
99FFB1



43FFE4

Triad

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



99FFB1



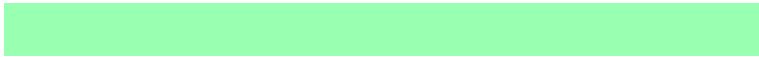
92EFFF



FFC4BB

Complementary

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



99FFB1



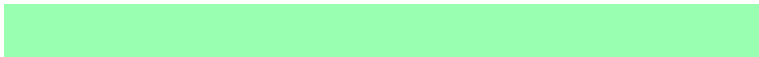
FF99E7

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.



FFC0EE



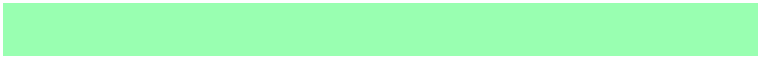
99FFB1



EADDFE

Square

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



99FFB1



00FCFF



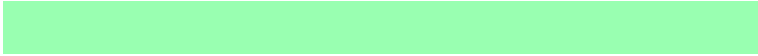
FFCAFF



FFD392

Rectangle

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



99FFB1



00FFFF



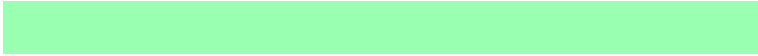
FFCAFF



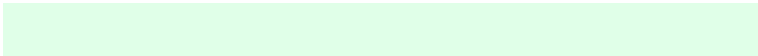
FFC1CB

Sweetspot

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



99FFB1



E0FFE8



E7FF99



6E8072



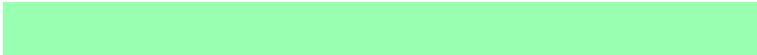
000000



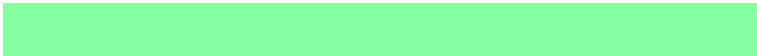
808080

Same Dimension

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



99FFB1



85FFA1



99FFE4



738076



00BF2D



00400F

Inverse Universe

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



FF99E7



FF85E2



FF99B4



80737D



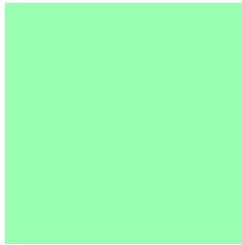
BF0092



400031

Previews

White Background



This preview shows how the Hex color 99FFB1 looks on a white background.

Color Contrast Check

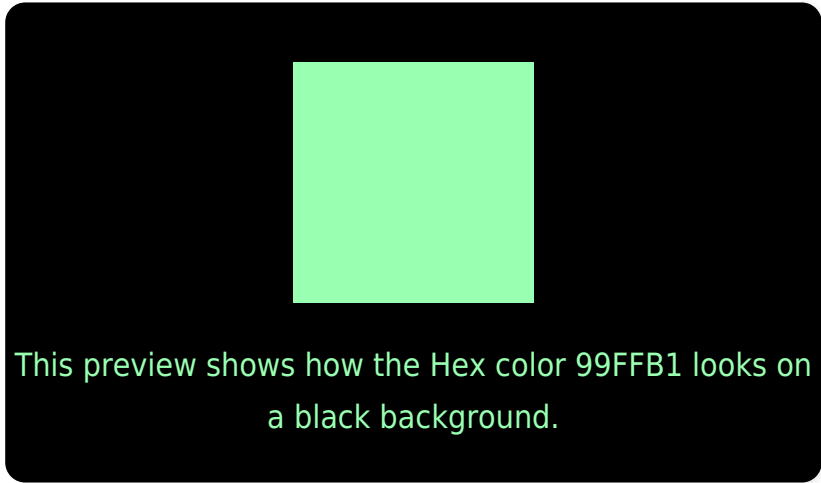
Large Text (above 18pt) WCAG AA × Fail

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

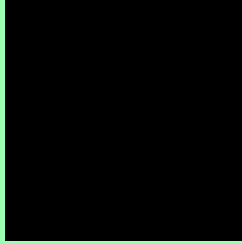
Any Text WCAG AA ✓ Pass

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 99FFB1 Background



This preview shows how black text looks on a background with the Hex color 99FFB1.

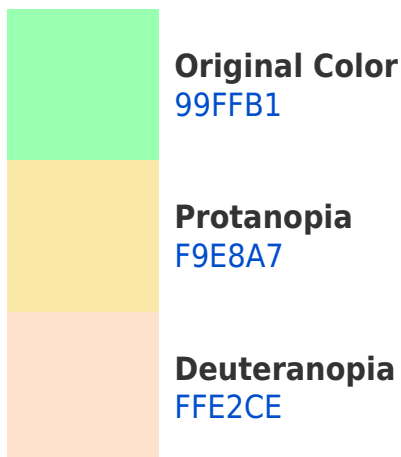


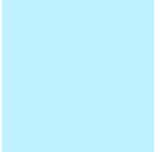
This preview shows how white text looks on a background with the Hex color 99FFB1.

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



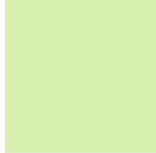


Tritanopia
BFF1FF

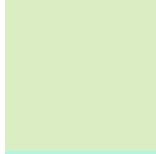
Trichromacy



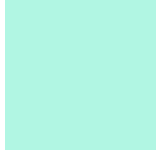
Original Color
99FFB1



Protanomaly
D6F0AB

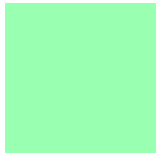


Deuteranomaly
DAEDC3

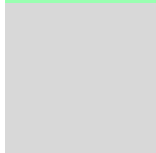


Tritanomaly
B1F6E3

Monochromacy



Original Color
99FFB1



Achromatopsia
D8D8D8



Achromatomaly
C1E6CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 99FFB1 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 #99FFB1 looks like.

```
.text, #text, p{  
    color:#99FFB1  
}
```

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 #99FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FFB1
}
```

Border

The CSS property to change the border of an element to Hex 99FFB1 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
#99FFB1 }
```

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

```
.border{ border-color:#99FFB1 }
```

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

Here you see how a box with a 4 pixel #99FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FFB1; -webkit-box-shadow:4px 4px  
4px 4px #99FFB1; box-shadow:4px 4px 4px  
4px #99FFB1 }
```

Background

The CSS property to change the background color of an element to Hex 99FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FFB1 }
```

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

```
.background{ background-color:#99FFB1 }
```

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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