

Converting Colors

Hex(81FFB9)

Have a look what the booklet for
Hex(81FFB9) contains.

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Color

Hex(81FFB9)

Conversions

Conversions Part 1

Format	Color
Hex	81FFB9
RGB	129, 255, 185
RGB Percent	51%, 100%, 73%
CMY	0.4941, 0.0000, 0.2745
CMYK	0.49, 0.00, 0.27, 0.00
HSL	147°, 100%, 75%
HSV	147°, 49%, 100%
XYZ	53.5702, 79.6899, 58.4572
YIQ	209.3460, -52.6260, -48.4820

Conversions

Conversions Part 2

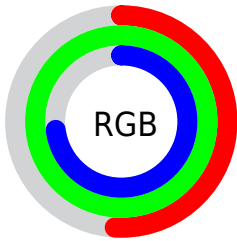
Format	Color
RYB	129, 216, 255
Decimal	8519609
CIELab	91.55, -50.54, 22.87
CIELCh	92, 55.479, 155.652
Yxy	79.6899, 0.2794, 0.4157
Android (android.graphics.Color)	4286709689 (0xFF81FFB9)
YUV	209.3460, -12.0026, -70.4634
Hunter-Lab	89.2692, -49.1037, 23.6629

Details

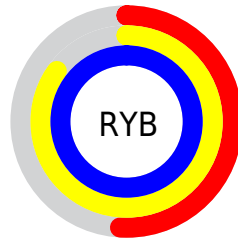
The Hex color **81FFB9** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF81C7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BCFFF1**, and **43C584** is the 20% darker color. If you saturate the color by 10%, you get **68FFAB**, and if you desaturate by 10%, it is **9BFFC7**.

Distribution



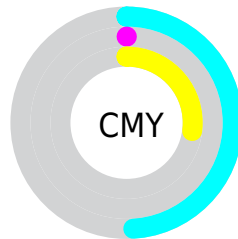
- Red (51%)
- Green (100%)
- Blue (73%)



- Red (51%)
- Yellow (85%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81FFB9 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 81FFB9 by changing the saturation by 10% instead.

 81FFB9

FFFFFF

 BCFFF1

 DAFFFF

 F8FFFF

 81FFB9

 63E29E

 43C584

 1BAA6A

 008E52

 00743A

 005A23

 00420E

 002C00

 000B00

 81FFB9

 81FFB9

 68FFAB

 9BFFC7

 4EFF9D

 B4FFD5

 35FF8F

 CEFFE4

 1BFF80

 E7FFF2

 02FF72

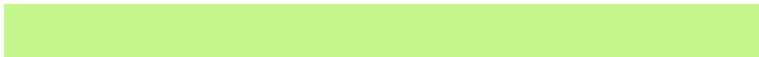
FFFFFF

 00FF71

Harmonies

Analogous

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



C6F68E



81FFB9



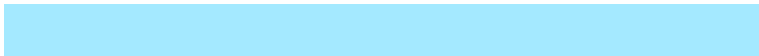
00FFEF

Triad

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



81FFB9



A4E9FF



FFC3AB

Complementary

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



81FFB9



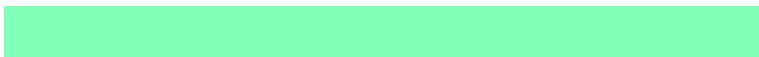
FF81C7

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.



FFBBD5



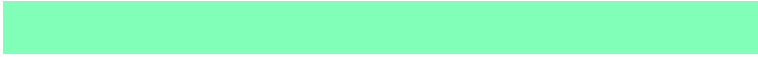
81FFB9



F9D5FF

Square

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



81FFB9



00F8FF



FFC3FF



FFD486

Rectangle

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



81FFB9



00FFFF



FFC3FF



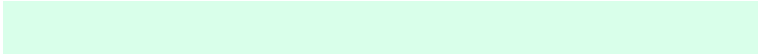
FFBFBB

Sweetspot

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



81FFB9



D9FFEA



C8FF81



698073



000000



808080

Same Dimension

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



81FFB9



69FFAB



81FFF7



738078



00BF55



00401C

Inverse Universe

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



FF81C7



FF69BC



FF8189



80737A



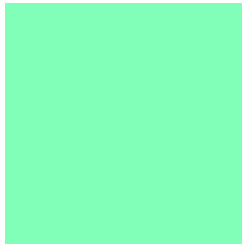
BF006A



400023

Previews

White Background



This preview shows how the Hex color 81FFB9 looks on a white background.

Color Contrast Check

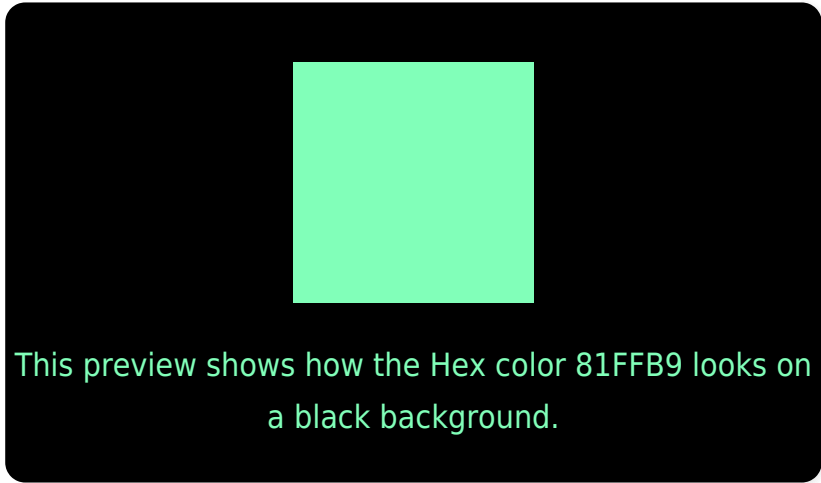
Large Text (above 18pt) WCAG AA × Fail

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

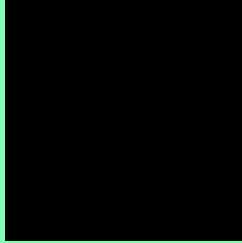
Any Text WCAG AA ✓ Pass

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 81FFB9 Background



This preview shows how black text looks on a background with the Hex color 81FFB9.

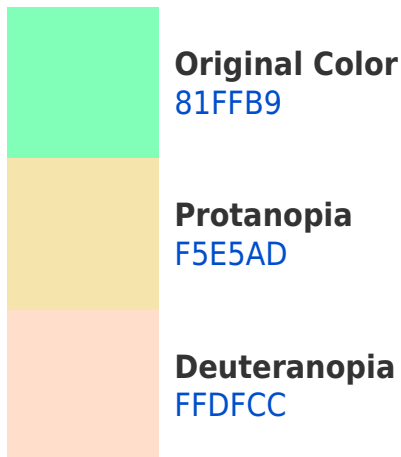


This preview shows how white text looks on a background with the Hex color 81FFB9.

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
B1FOFF

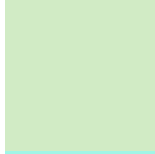
Trichromacy



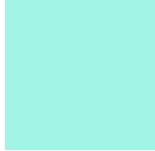
Original Color
81FFB9



Protanomaly
CBEEB1



Deuteranomaly
D1EBC5

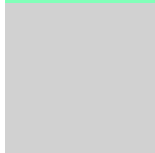


Tritanomaly
A0F5E6

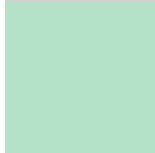
Monochromacy



Original Color
81FFB9



Achromatopsia
D1D1D1



Achromatomaly
B4E2C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 81FFB9 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 #81FFB9 looks like.

```
.text, #text, p{  
    color:#81FFB9  
}
```

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 #81FFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FFB9
}
```

Border

The CSS property to change the border of an element to Hex 81FFB9 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
#81FFB9 }
```

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

```
.border{ border-color:#81FFB9 }
```

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

Here you see how a box with a 4 pixel #81FFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FFB9; -webkit-box-shadow:4px 4px  
4px 4px #81FFB9; box-shadow:4px 4px 4px  
4px #81FFB9 }
```

Background

The CSS property to change the background color of an element to Hex 81FFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FFB9 }
```

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

```
.background{ background-color:#81FFB9 }
```

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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