

Converting Colors

Hex(82FFB1)

Have a look what the booklet for
Hex(82FFB1) contains.

Hex(82FFB1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82FFB1)

Conversions

Conversions Part 1

Format	Color
Hex	82FFB1
RGB	130, 255, 177
RGB Percent	51%, 100%, 69%
CMY	0.4902, 0.0000, 0.3059
CMYK	0.49, 0.00, 0.31, 0.00
HSL	143°, 100%, 75%
HSV	143°, 49%, 100%
XYZ	52.9017, 79.4402, 54.1402
YIQ	208.7330, -49.4620, -50.7580

Conversions

Conversions Part 2

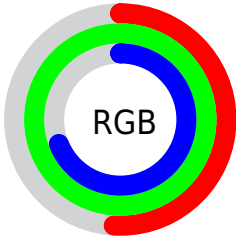
Format	Color
RYB	130, 221, 255
Decimal	8585137
CIELab	91.43, -51.78, 26.78
CIElCh	91, 58.301, 152.652
Yxy	79.4402, 0.2837, 0.4260
Android (android.graphics.Color)	4286775217 (0xFF82FFB1)
YUV	208.7330, -15.6444, -69.0488
Hunter-Lab	89.1292, -50.0292, 26.3756

Details

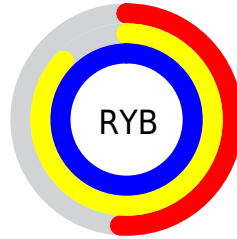
The Hex color **82FFB1** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF82D0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BDFFE9**, and **45C57C** is the 20% darker color. If you saturate the color by 10%, you get **69FFA1**, and if you desaturate by 10%, it is **9BFFC1**.

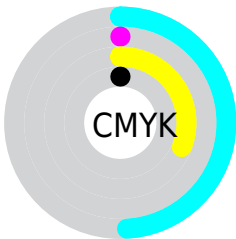
Distribution



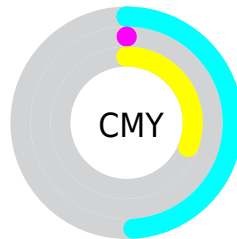
- Red (51%)
- Green (100%)
- Blue (69%)



- Red (51%)
- Yellow (87%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82FFB1 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 82FFB1 by changing the saturation by 10% instead.

 82FFB1

FFFFFF

 BDFFE9

 DBFFFF

 F9FFFF

 82FFB1

 64E296

 45C57C

 1EAA63

 008E4A

 007433

 005A1C

 004104

 002C00

 000A00

 82FFB1

 82FFB1

 69FFA1

 9BFFC1

 4FFF91

 B5FFD1

 35FF81

 CFFFE1

 1CFF71

 E8FFF1

 02FF61

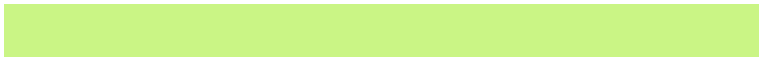
FFFFFF

 00FF60

Harmonies

Analogous

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



CAF585



82FFB1



00FFEA

Triad

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



82FFB1



92EBFF



FFBFAD

Complementary

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



82FFB1



FF82D0

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.



FFB8E4



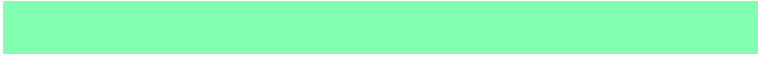
82FFB1



F2D6FF

Square

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



82FFB1



00FAFF



FFC2FF



FFD184

Rectangle

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



82FFB1



00FFFF



FFC2FF



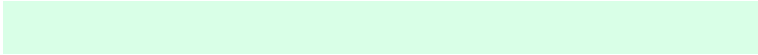
FFBBBE

Sweetspot

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



82FFB1



D9FFE7



D1FF82



698071



000000



808080

Same Dimension

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



82FFB1



69FFA1



82FFEE



738078



00BF48



004018

Inverse Universe

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



FF82D0



FF69C6



FF8293



80737B



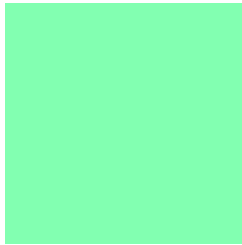
BF0077



400028

Previews

White Background



This preview shows how the Hex color 82FFB1 looks on a white background.

Color Contrast Check

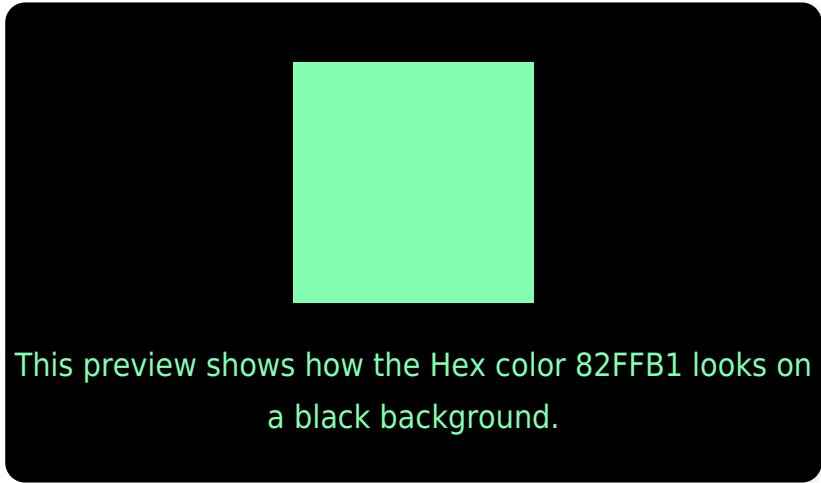
Large Text (above 18pt) WCAG AA × Fail

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

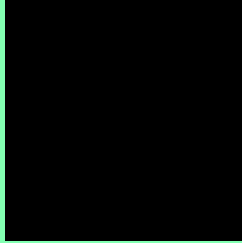
Any Text WCAG AA ✓ Pass

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 82FFB1 Background



This preview shows how black text looks on a background with the Hex color 82FFB1.

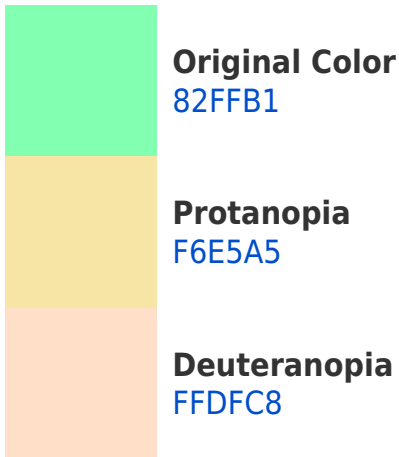


This preview shows how white text looks on a background with the Hex color 82FFB1.

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



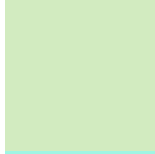
Trichromacy



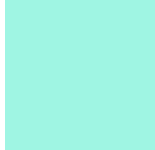
Original Color
82FFB1



Protanomaly
CCEEA9



Deuteranomaly
D2EBC0

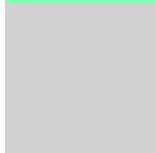


Tritanomaly
9FF5E3

Monochromacy



Original Color
82FFB1



Achromatopsia
D1D1D1



Achromatomaly
B4E2C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 82FFB1 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 #82FFB1 looks like.

```
.text, #text, p{  
    color:#82FFB1  
}
```

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 #82FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FFB1
}
```

Border

The CSS property to change the border of an element to Hex 82FFB1 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
#82FFB1 }
```

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

```
.border{ border-color:#82FFB1 }
```

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

Here you see how a box with a 4 pixel #82FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FFB1; -webkit-box-shadow:4px 4px  
4px 4px #82FFB1; box-shadow:4px 4px 4px  
4px #82FFB1 }
```

Background

The CSS property to change the background color of an element to Hex 82FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FFB1 }
```

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

```
.background{ background-color:#82FFB1 }
```

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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