

Converting Colors

Hex(81FFB5)

Have a look what the booklet for
Hex(81FFB5) contains.

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Color

Hex(81FFB5)

Conversions

Conversions Part 1

Format	Color
Hex	81FFB5
RGB	129, 255, 181
RGB Percent	51%, 100%, 71%
CMY	0.4941, 0.0000, 0.2902
CMYK	0.49, 0.00, 0.29, 0.00
HSL	145°, 100%, 75%
HSV	145°, 49%, 100%
XYZ	53.1538, 79.5233, 56.2641
YIQ	208.8900, -51.3420, -49.7260

Conversions

Conversions Part 2

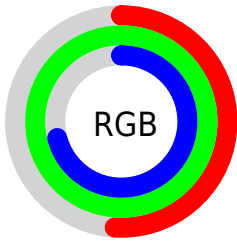
Format	Color
RYB	129, 218, 255
Decimal	8519605
CIELab	91.47, -51.29, 24.80
CIELCh	91, 56.976, 154.195
Yxy	79.5233, 0.2813, 0.4209
Android (android.graphics.Color)	4286709685 (0xFF81FFB5)
YUV	208.8900, -13.7498, -70.0635
Hunter-Lab	89.1759, -49.6618, 25.0150

Details

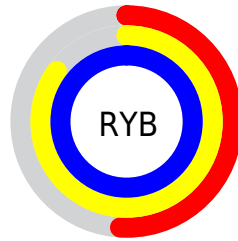
The Hex color **81FFB5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF81CB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BCFFED**, and **43C580** is the 20% darker color. If you saturate the color by 10%, you get **68FFA6**, and if you desaturate by 10%, it is **9BFFC4**.

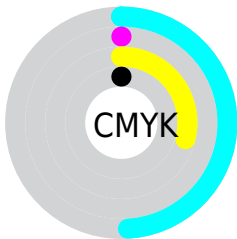
Distribution



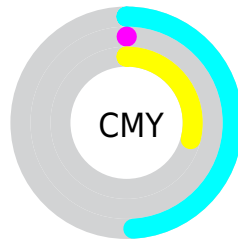
- Red (51%)
- Green (100%)
- Blue (71%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81FFB5 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 81FFB5 by changing the saturation by 10% instead.



81FFB5



81FFB5

FFFFFF



63E29A



BCFFED



43C580



DAFFFF



1BAA66



F8FFFF



008E4E



007436



005A20



004209



002C00



000A00

 81FFB5

 81FFB5

 68FFA6

 9BFFC4

 4EFF97

 B4FFD3

 35FF88

 CEFFE2

 1BFF79

 E7FFF1

 02FF6A

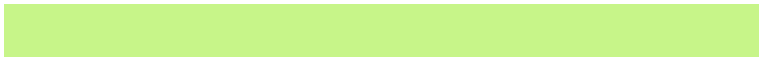
FFFFFF

 00FF69

Harmonies

Analogous

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



C7F589



81FFB5



00FFED

Triad

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



81FFB5



9CEAFF



FFC1AC

Complementary

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



81FFB5



FF81CB

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.



FFBAE1



81FFB5



F6D5FF

Square

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



81FFB5



00F9FF



FFC2FF



FFD385

Rectangle

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



81FFB5



00FFFF



FFC2FF



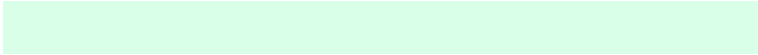
FFBDBD

Sweetspot

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



81FFB5



D9FFE9



CDFF81



698072



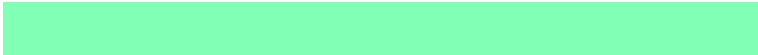
000000



808080

Same Dimension

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



81FFB5



69FFA7



81FFF2



738078



00BF4F



00401A

Inverse Universe

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



FF81CB



FF69C1



FF818E



80737A



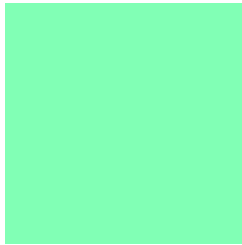
BF0070



400025

Previews

White Background



This preview shows how the Hex color 81FFB5 looks on a white background.

Color Contrast Check

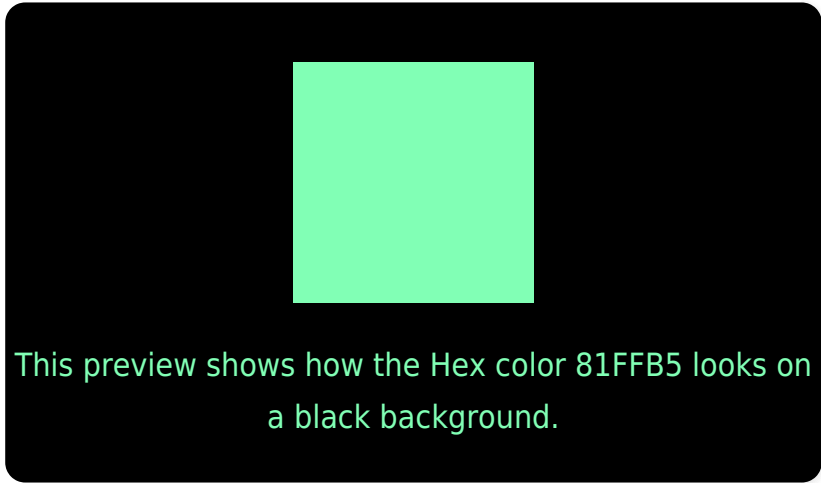
Large Text (above 18pt) WCAG AA × Fail

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

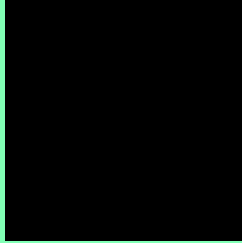
Any Text WCAG AA ✓ Pass

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 81FFB5 Background



This preview shows how black text looks on a background with the Hex color 81FFB5.

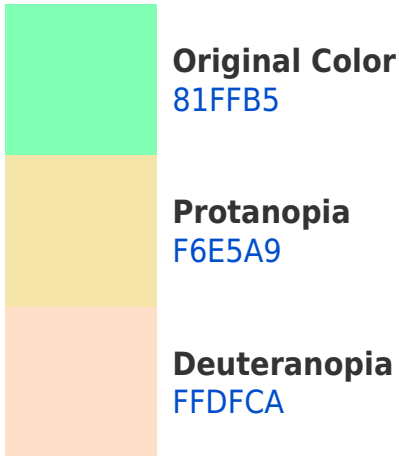


This preview shows how white text looks on a background with the Hex color 81FFB5.

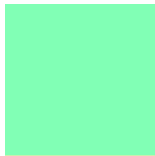
Color Blindness Simulation

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



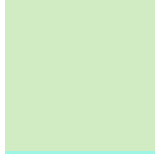
Trichromacy



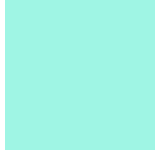
Original Color
81FFB5



Protanomaly
CBEEAD



Deuteranomaly
D1EBC2

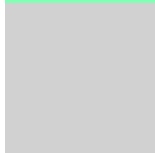


Tritanomaly
9FF5E4

Monochromacy



Original Color
81FFB5



Achromatopsia
D1D1D1



Achromatomaly
B4E2C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 81FFB5 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 #81FFB5 looks like.

```
.text, #text, p{  
    color:#81FFB5  
}
```

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 #81FFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FFB5
}
```

Border

The CSS property to change the border of an element to Hex 81FFB5 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
#81FFB5 }
```

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

```
.border{ border-color:#81FFB5 }
```

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

Here you see how a box with a 4 pixel #81FFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FFB5; -webkit-box-shadow:4px 4px  
4px 4px #81FFB5; box-shadow:4px 4px 4px  
4px #81FFB5 }
```

Background

The CSS property to change the background color of an element to Hex 81FFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FFB5 }
```

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

```
.background{ background-color:#81FFB5 }
```

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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