

Converting Colors

Hex(85FFB7)

Have a look what the booklet for
Hex(85FFB7) contains.

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Color

Hex(85FFB7)

Conversions

Conversions Part 1

Format	Color
Hex	85FFB7
RGB	133, 255, 183
RGB Percent	52%, 100%, 72%
CMY	0.4784, 0.0000, 0.2824
CMYK	0.48, 0.00, 0.28, 0.00
HSL	145°, 100%, 76%
HSV	145°, 48%, 100%
XYZ	53.9801, 79.9254, 57.3819
YIQ	210.3140, -49.6000, -48.2560

Conversions

Conversions Part 2

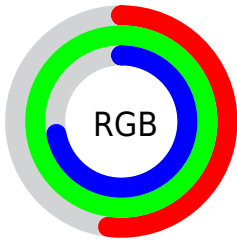
Format	Color
RYB	133, 220, 255
Decimal	8781751
CIELab	91.65, -49.95, 24.06
CIElCh	92, 55.441, 154.283
Yxy	79.9254, 0.2822, 0.4178
Android (android.graphics.Color)	4286971831 (0xFF85FFB7)
YUV	210.3140, -13.4658, -67.8044
Hunter-Lab	89.4010, -48.6740, 24.5256

Details

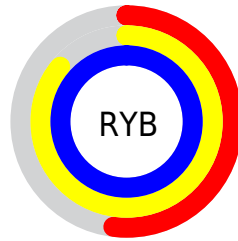
The Hex color **85FFB7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF85CD**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C0FFEF**, and **49C582** is the 20% darker color. If you saturate the color by 10%, you get **6CFFA8**, and if you desaturate by 10%, it is **9FFFC6**.

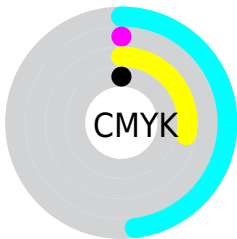
Distribution



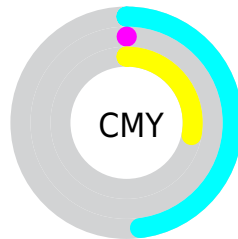
- Red (52%)
- Green (100%)
- Blue (72%)



- Red (52%)
- Yellow (86%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85FFB7 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 85FFB7 by changing the saturation by 10% instead.

 85FFB7

FFFFFF

 C0FFEF

 DDFFFF

 FCFFFF

 85FFB7

 67E29C

 49C582

 24AA68

 008F50

 007438

 005B22

 00420B

 002C00

 000B00

 85FFB7

 85FFB7

 6CFFA8

 9FFFC6

 52FF99

 B8FFD5

 39FF8A

 D2FFE4

 1FFF7B

 EBFFF3

 06FF6C

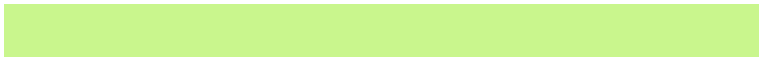
FFFFFF

 00FF69

Harmonies

Analogous

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



C9F68D



85FFB7



00FFED

Triad

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



85FFB7



A0EAF7



FFC3AE

Complementary

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



85FFB7



FF85CD

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.



FFBCE1



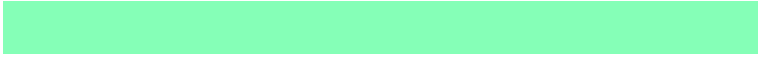
85FFB7



F6D6FF

Square

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



85FFB7



00F9FF



FFC4FF



FFD488

Rectangle

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



85FFB7



00FFFF



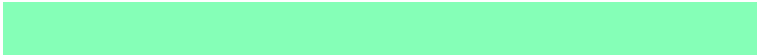
FFC4FF



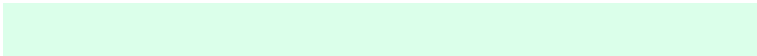
FFBFBE

Sweetspot

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



85FFB7



DBFFEA



CEFF85



6A8073



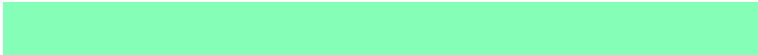
000000



808080

Same Dimension

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



85FFB7



6EFFA9



85FFF3



738078



00BF4E



00401A

Inverse Universe

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



FF85CD



FF6EC3



FF8591



80737A



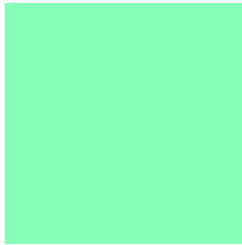
BF0071



400026

Previews

White Background



This preview shows how the Hex color 85FFB7 looks on a white background.

Color Contrast Check

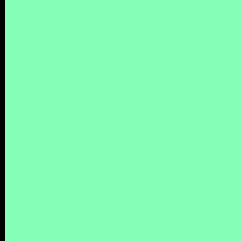
Large Text (above 18pt) WCAG AA × Fail

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 85FFB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

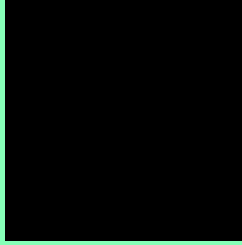
Any Text WCAG AA ✓ Pass

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 85FFB7 Background



This preview shows how black text looks on a background with the Hex color 85FFB7.

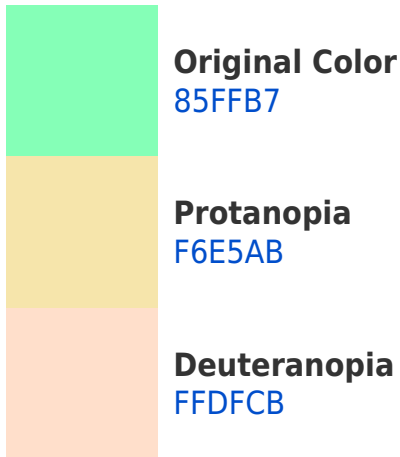


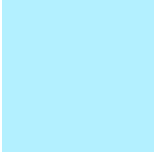
This preview shows how white text looks on a background with the Hex color 85FFB7.

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
B3F0FF

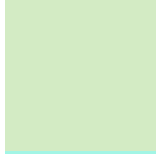
Trichromacy



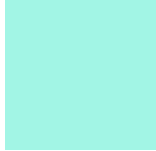
Original Color
85FFB7



Protanomaly
CDEEAF

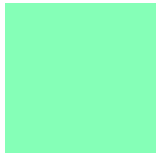


Deuteranomaly
D3EBC4

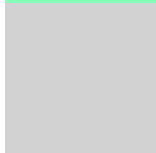


Tritanomaly
A2F5E5

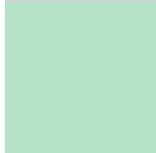
Monochromacy



Original Color
85FFB7



Achromatopsia
D2D2D2



Achromatomaly
B6E2C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 85FFB7 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 #85FFB7 looks like.

```
.text, #text, p{  
    color:#85FFB7  
}
```

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 #85FFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FFB7
}
```

Border

The CSS property to change the border of an element to Hex 85FFB7 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
#85FFB7 }
```

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

```
.border{ border-color:#85FFB7 }
```

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

Here you see how a box with a 4 pixel #85FFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FFB7; -webkit-box-shadow:4px 4px  
4px 4px #85FFB7; box-shadow:4px 4px 4px  
4px #85FFB7 }
```

Background

The CSS property to change the background color of an element to Hex 85FFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FFB7 }
```

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

```
.background{ background-color:#85FFB7 }
```

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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