

# Converting Colors

Hex(B8FFC0)

Have a look what the booklet for  
Hex(B8FFC0) contains.

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**Color**

**Hex(B8FFC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FFC0
RGB	184, 255, 192
RGB Percent	72%, 100%, 75%
CMY	0.2784, 0.0000, 0.2471
CMYK	0.28, 0.00, 0.25, 0.00
HSL	127°, 100%, 86%
HSV	127°, 28%, 100%
XYZ	65.0416, 85.5161, 62.9474
YIQ	226.5890, -22.0930, -34.6450

# Conversions

## Conversions Part 2

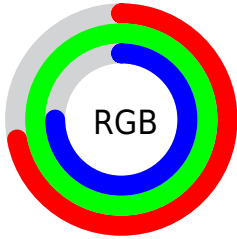
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 248, 255
Decimal	12124096
CIELab	94.11, -33.98, 23.23
CIElCh	94, 41.160, 145.648
Yxy	85.5161, 0.3046, 0.4005
Android (android.graphics.Color)	4290314176 (0xFFB8FFC0)
YUV	226.5890, -17.0524, -37.3506
Hunter-Lab	92.4749, -36.2844, 24.3739

# Details

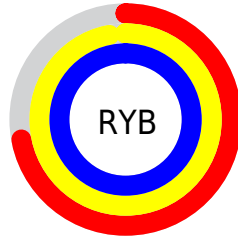
The Hex color **B8FFC0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFB8F7**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **F1FFF9**, and **81C68A** is the 20% darker color. If you saturate the color by 10%, you get **9FFFA9**, and if you desaturate by 10%, it is **D2FFD7**.

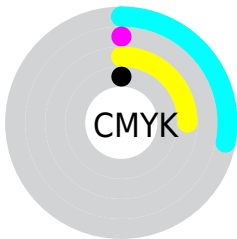
# Distribution



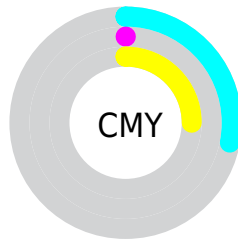
- Red (72%)
- Green (100%)
- Blue (75%)



- Red (72%)
- Yellow (97%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8FFC0 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 B8FFC0 by changing the saturation by 10% instead.




 B8FFC0

FFFFFF

 F1FFF9

 B8FFC0

 9CE2A5

 81C68A

 66AA71

 4C9058

 327640

 155C29

 004413

 002D00

 001700

 B8FFC0

 B8FFC0

 9FFFA9

 D2FFD7

 85FF93

 EBFFED

 6BFF7C

FFFFFF

 52FF65

 39FF4F

 1FFF38

 06FF22

 00FF1D

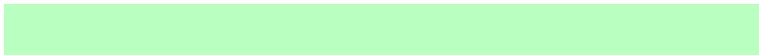
# Harmonies

## Analogous

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



E6F6A5



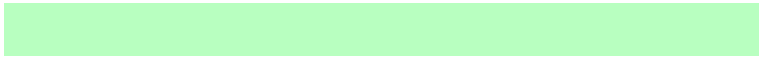
B8FFC0



89FFE7

# Triad

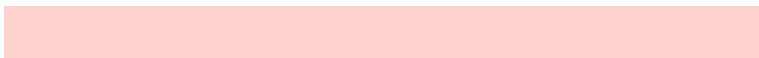
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B8FFC0



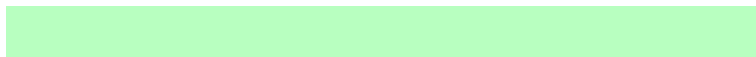
B0F4FF



FFD2CE

# Complementary

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



B8FFC0



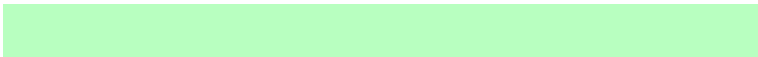
FFB8F7

# 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.



FFD1F5



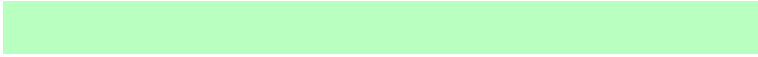
B8FFC0



EBE6FF

# Square

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



B8FFC0



79FEFF



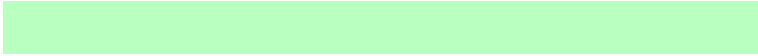
FFD8FF



FFDCAE

# Rectangle

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



`B8FFC0`



`70FFFF`



`FFD8FF`

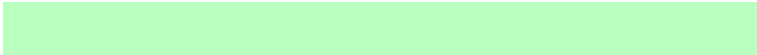


`FFD1DA`

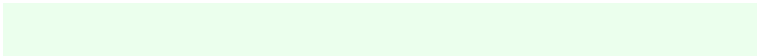


# Sweetspot

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



B8FFC0



EBFFED



F8FFB8



738074



000000

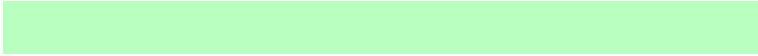


808080

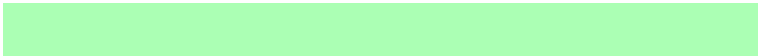


# Same Dimension

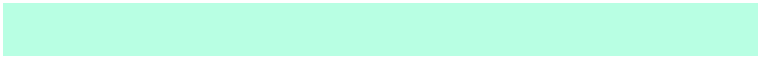
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B8FFC0



ABFFB4



B8FFE3



738074



00BF16



004007



# Inverse Universe

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



FFB8F7



FFABF6



FFB8D4



80737E



BF00AA

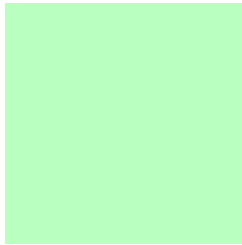


400039



# Previews

## White Background



This preview shows how the Hex color B8FFC0 looks on a white background.

## Color Contrast Check

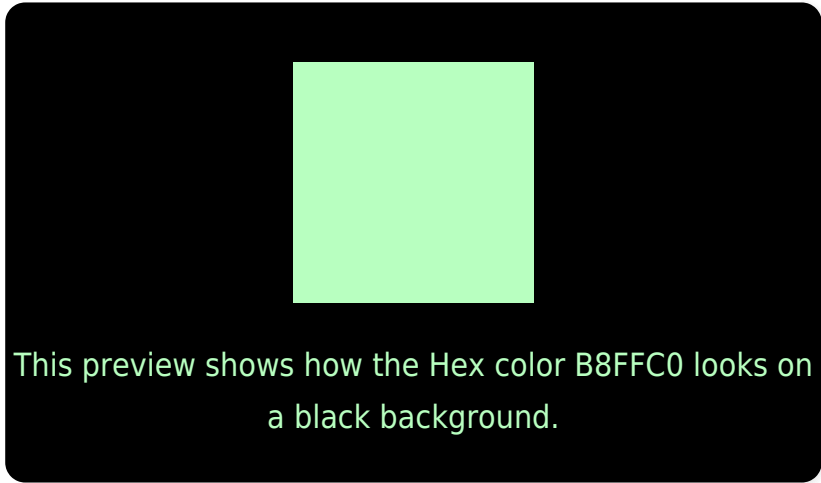
Large Text (above 18pt) WCAG AA × Fail

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

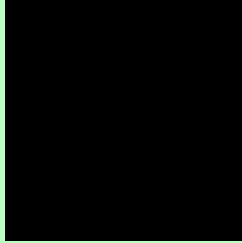
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

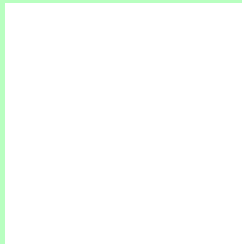
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8FFC0 Background



This preview shows how black text looks on a background with the Hex color B8FFC0.

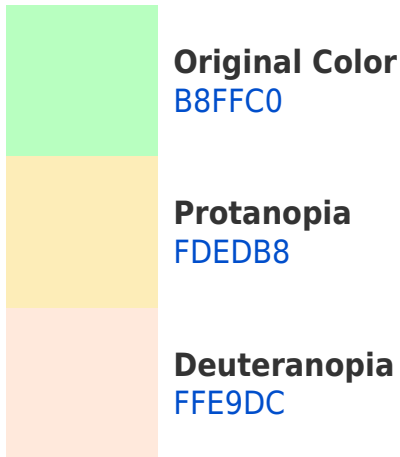


This preview shows how white text looks on a background with the Hex color B8FFC0.

# 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



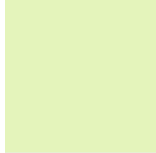


**Tritanopia**  
D5F2FF

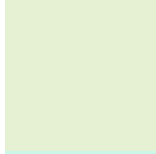
# Trichromacy



**Original Color**  
B8FFC0



**Protanomaly**  
E4F4BB

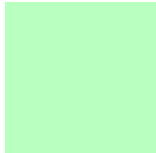


**Deuteranomaly**  
E5F1D2

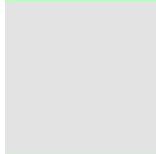


**Tritanomaly**  
CAF7E8

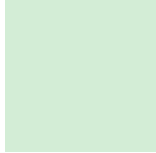
# Monochromacy



**Original Color**  
B8FFC0



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
D3EDD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8FFC0 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 #B8FFC0 looks like.

```
.text, #text, p{  
    color:#B8FFC0  
}
```

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 #B8FFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8FFC0
}
```

## Border

The CSS property to change the border of an element to Hex B8FFC0 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
#B8FFC0 }
```

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

```
.border{ border-color:#B8FFC0 }
```

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

Here you see how a box with a 4 pixel #B8FFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8FFC0; -webkit-box-shadow:4px 4px  
4px 4px #B8FFC0; box-shadow:4px 4px 4px  
4px #B8FFC0 }
```

# Background

The CSS property to change the background color of an element to Hex B8FFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8FFC0 }
```

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

```
.background{ background-color:#B8FFC0 }
```

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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