

# Converting Colors

Hex(B5FFC9)

Have a look what the booklet for  
Hex(B5FFC9) contains.

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# **Color**

**Hex(B5FFC9)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B5FFC9                       |
| RGB         | 181, 255, 201                |
| RGB Percent | 71%, 100%, 79%               |
| CMY         | 0.2902, 0.0000, 0.2118       |
| CMYK        | 0.29, 0.00, 0.21, 0.00       |
| HSL         | 136°, 100%, 85%              |
| HSV         | 136°, 29%, 100%              |
| XYZ         | 65.3587, 85.5608, 68.3285    |
| YIQ         | 226.7180, -26.7700, -32.4820 |

# Conversions

## Conversions Part 2

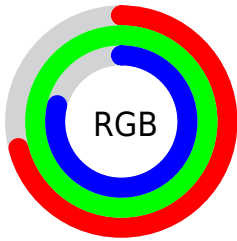
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 181, 239, 255                   |
| Decimal                             | 11927497                        |
| CIELab                              | 94.12, -33.35, 18.64            |
| CIELCh                              | 94, 38.205, 150.797             |
| Yxy                                 | 85.5608, 0.2981,<br>0.3902      |
| Android<br>(android.graphics.Color) | 4290117577<br>(0xFFB5FFC9)      |
| YUV                                 | 226.7180, -12.6790,<br>-40.0947 |
| Hunter-Lab                          | 92.4991, -35.7476,<br>20.9522   |

# Details

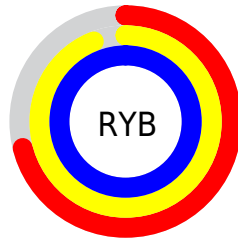
The Hex color **B5FFC9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFB5EB**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EEFFFF**, and **7EC693** is the 20% darker color. If you saturate the color by 10%, you get **9CFFB6**, and if you desaturate by 10%, it is **CFFFDC**.

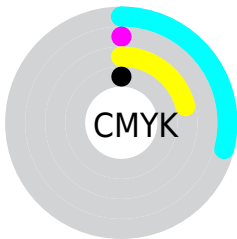
# Distribution



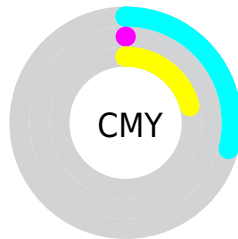
- Red (71%)
- Green (100%)
- Blue (79%)



- Red (71%)
- Yellow (94%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5FFC9 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 B5FFC9 by changing the saturation by 10% instead.



 B5FFC9

 B5FFC9

FFFFFF

 99E2AE

 EEEFFF

 7EC693

 63AA79

 499060

 2F7648

 105C31

 00441B

 002D03

 001700

 B5FFC9

 B5FFC9

 9CFFB6

 CFFFDC

 82FFA4

 E8FFEE

 69FF91

FFFFFF

 4FFF7F

 36FF6C

 1CFF59

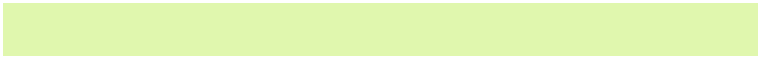
 03FF47

 00FF45

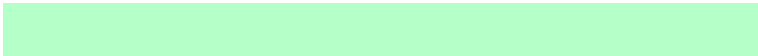
# Harmonies

## Analogous

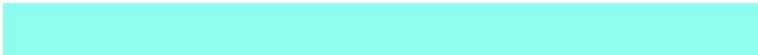
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E0F7AE



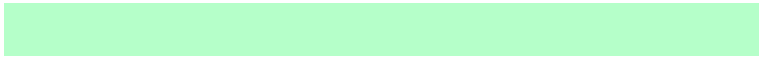
B5FFC9



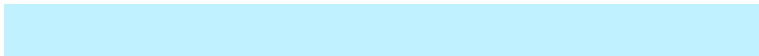
8DFFEE

# Triad

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



B5FFC9



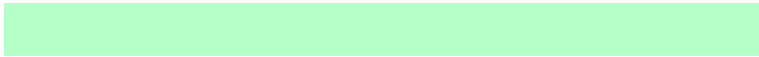
BFF1FF



FFD6CA

# Complementary

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



B5FFC9



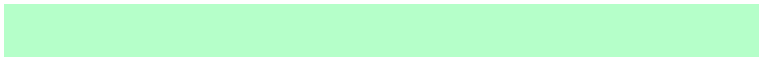
FFB5EB

# 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.



FFD3EE



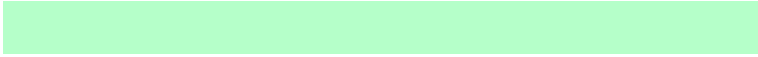
B5FFC9



F5E4FF

# Square

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



B5FFC9



8DFCFF



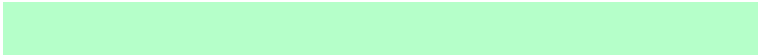
FFD8FF



FFE0AF

# Rectangle

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



B5FFC9



7BFFFF



FFD8FF

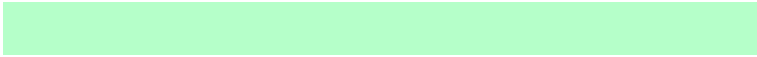


FFD4D6



# Sweetspot

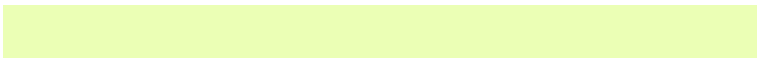
The Sweet Spot groups the original color and five complimentary colors.



B5FFC9



E8FFEE



EBFFB5



718075



000000

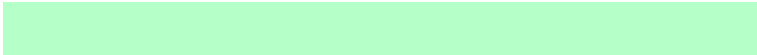


808080

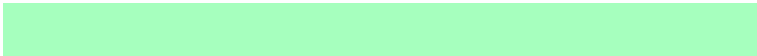


# Same Dimension

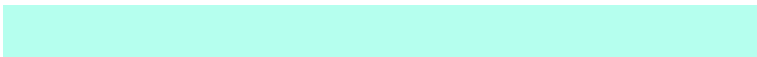
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B5FFC9



A6FFBE



B5FFEE



738076



00BF34



004011



# Inverse Universe

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



FFB5EB



FFA6E7



FFB5C6



80737C



BF008C

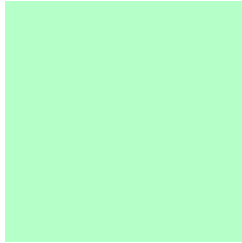


40002F



# Previews

## White Background



This preview shows how the Hex color B5FFC9 looks on a white background.

## Color Contrast Check

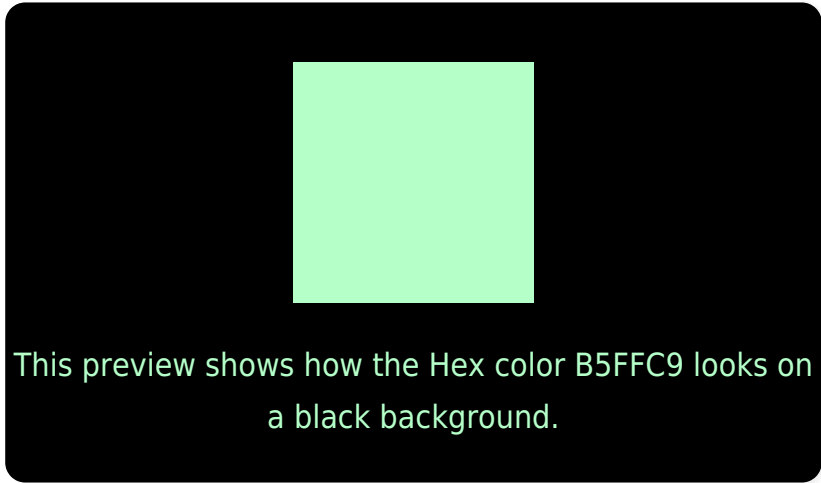
Large Text (above 18pt) WCAG AA × Fail

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

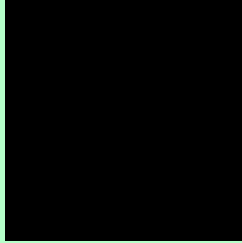
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5FFC9 Background



This preview shows how black text looks on a background with the Hex color B5FFC9.

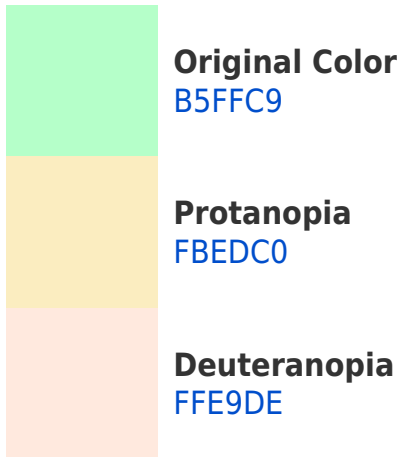


This preview shows how white text looks on a background with the Hex color B5FFC9.

# 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



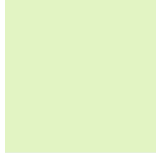


**Tritanopia**  
D4F3FF

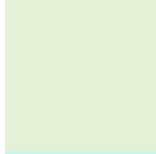
# Trichromacy



**Original Color**  
B5FFC9



**Protanomaly**  
E2F4C3

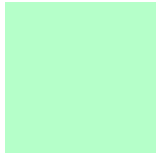


**Deuteranomaly**  
E4F1D6

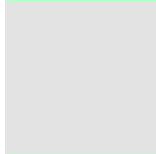


**Tritanomaly**  
C9F7EB

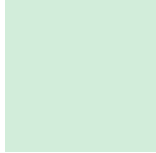
# Monochromacy



**Original Color**  
B5FFC9



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
D2EDDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5FFC9 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 #B5FFC9 looks like.

```
.text, #text, p{  
    color:#B5FFC9  
}
```

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 #B5FFC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5FFC9
}
```

## Border

The CSS property to change the border of an element to Hex B5FFC9 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
#B5FFC9 }
```

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

```
.border{ border-color:#B5FFC9 }
```

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

Here you see how a box with a 4 pixel #B5FFC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5FFC9; -webkit-box-shadow:4px 4px  
4px 4px #B5FFC9; box-shadow:4px 4px 4px  
4px #B5FFC9 }
```

# Background

The CSS property to change the background color of an element to Hex B5FFC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5FFC9 }
```

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

```
.background{ background-color:#B5FFC9 }
```

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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