

# Converting Colors

Hex(B7F9B5)

Have a look what the booklet for  
Hex(B7F9B5) contains.

|  |    |
|--|----|
| <b>Hex(B7F9B5)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(B7F9B5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B7F9B5                       |
| RGB         | 183, 249, 181                |
| RGB Percent | 72%, 98%, 71%                |
| CMY         | 0.2824, 0.0235, 0.2902       |
| CMYK        | 0.27, 0.00, 0.27, 0.02       |
| HSL         | 118°, 85%, 84%               |
| HSV         | 118°, 27%, 98%               |
| XYZ         | 61.7446, 81.1548, 56.1262    |
| YIQ         | 221.5140, -17.5080, -35.1400 |

# Conversions

## Conversions Part 2

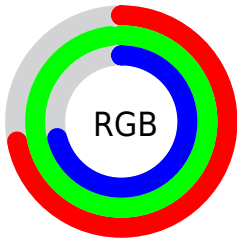
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">181, 249, 247</a>                                |
| Decimal                             | <a href="#">12057013</a>                                     |
| CIELab                              | <a href="#">92.20, -33.35, 26.19</a>                         |
| CIELCh                              | <a href="#">92, 42.402, 141.852</a>                          |
| Yxy                                 | <a href="#">81.1548, 0.3102, 0.4078</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290247093</a><br>( <a href="#">0xFFB7F9B5</a> ) |
| YUV                                 | <a href="#">221.5140, -19.9734, -33.7768</a>                 |
| Hunter-Lab                          | <a href="#">90.0860, -35.3072, 26.1208</a>                   |

# Details

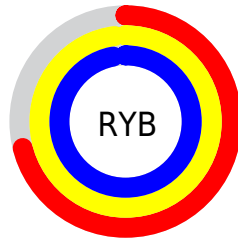
The Hex color **B7F9B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F7B5F9**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F0FFED**, and **80C080** is the 20% darker color. If you saturate the color by 10%, you get **9FF99C**, and if you desaturate by 10%, it is **CFF9CE**.

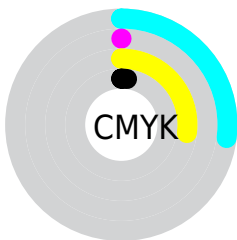
# Distribution



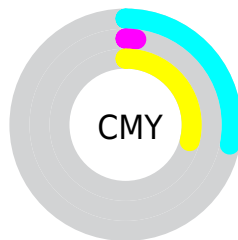
- Red (72%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (28%)
- Magenta (2%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7F9B5 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 B7F9B5 by changing the saturation by 10% instead.



 B7F9B5

 B7F9B5

FFFFFF

 9BDC9A

 F0FFED


 80C080

 66A566

 4C8A4E

 327036

 165820

 004009

 002900

 000E00

 B7F9B5

 B7F9B5

 9FF99C

 CFF9CE

 87F983

 E7F9E7

 6EF96A

 FFF9FF

 56F951

 3EF939

 26F920

 0EF907

 07F900

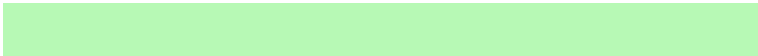
# Harmonies

## Analogous

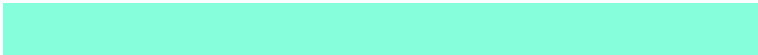
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E6EF9C



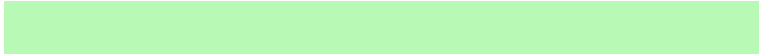
B7F9B5



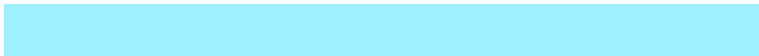
86FEDC

# Triad

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



B7F9B5



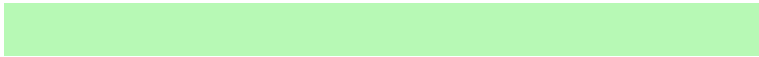
9FF0FF



FFCBCC

# Complementary

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



B7F9B5



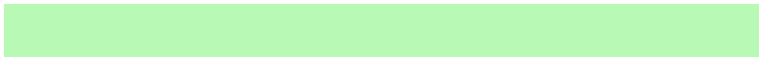
F7B5F9

# 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.



FFCBF5



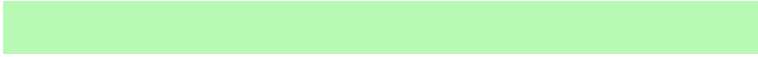
B7F9B5



DEE2FF

# Square

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



B7F9B5



66FAFF



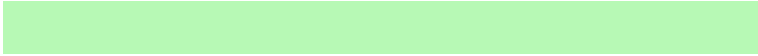
FFD4FF



FFD5AA

# Rectangle

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



`B7F9B5`



`68FFF8`



`FFD4FF`

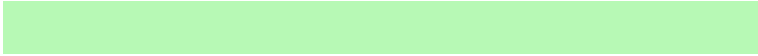


`FFCADA`



# Sweetspot

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



B7F9B5



EBFFEB



F9F7B5



738073



000000

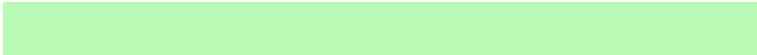


808080

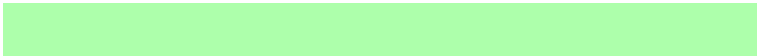


# Same Dimension

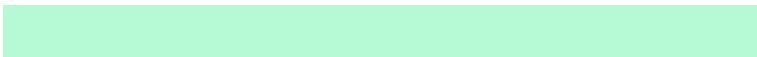
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7F9B5



ADFFAB



B5F9D5



717D70



06BD00



023D00



# Inverse Universe

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



F7B5F9



FDABFF



F9B5D9



7D707D



B700BD

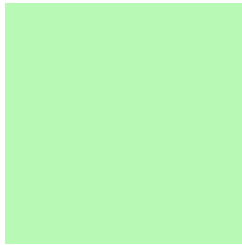


3B003D



# Previews

## White Background



This preview shows how the Hex color B7F9B5 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 B7F9B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

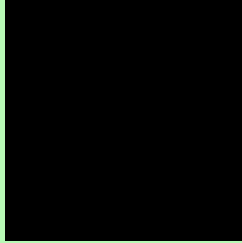
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

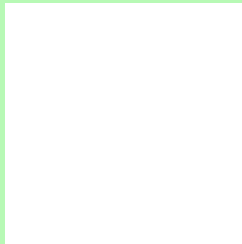
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7F9B5 Background



This preview shows how black text looks on a background with the Hex color B7F9B5.

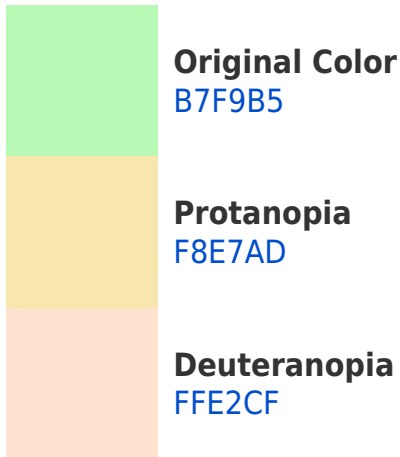


This preview shows how white text looks on a background with the Hex color B7F9B5.

# 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



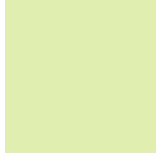


**Tritanopia**  
C9EEFF

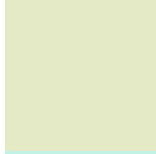
# Trichromacy



**Original Color**  
B7F9B5



**Protanomaly**  
E0EEB0

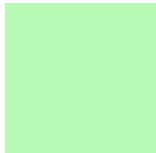


**Deuteranomaly**  
E5EAC6

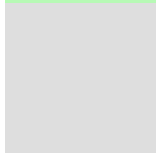


**Tritanomaly**  
C2F2E4

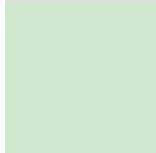
# Monochromacy



**Original Color**  
B7F9B5



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
D0E8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7F9B5 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 #B7F9B5 looks like.

```
.text, #text, p{  
    color:#B7F9B5  
}
```

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 #B7F9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F9B5
}
```

## Border

The CSS property to change the border of an element to Hex B7F9B5 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
#B7F9B5 }
```

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

```
.border{ border-color:#B7F9B5 }
```

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

Here you see how a box with a 4 pixel #B7F9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F9B5; -webkit-box-shadow:4px 4px  
4px 4px #B7F9B5; box-shadow:4px 4px 4px  
4px #B7F9B5 }
```

# Background

The CSS property to change the background color of an element to Hex B7F9B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F9B5 }
```

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

```
.background{ background-color:#B7F9B5 }
```

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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