

# Converting Colors

Hex(B8F6B7)

Have a look what the booklet for  
Hex(B8F6B7) contains.

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# **Color**

**Hex(B8F6B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8F6B7
RGB	184, 246, 183
RGB Percent	72%, 96%, 72%
CMY	0.2784, 0.0353, 0.2824
CMYK	0.25, 0.00, 0.26, 0.04
HSL	119°, 78%, 84%
HSV	119°, 26%, 96%
XYZ	61.2702, 79.5208, 56.9195
YIQ	220.2800, -16.7290, -32.7370

# Conversions

## Conversions Part 2

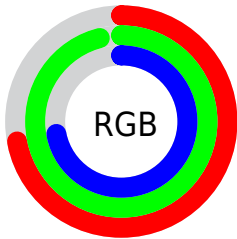
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 246, 245
Decimal	12121783
CIELab	91.47, -31.31, 24.18
CIELCh	91, 39.557, 142.320
Yxy	79.5208, 0.3099, 0.4022
Android (android.graphics.Color)	4290311863 (0xFFB8F6B7)
YUV	220.2800, -18.3790, -31.8176
Hunter-Lab	89.1744, -33.4110, 24.5776

# Details

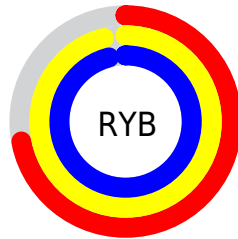
The Hex color **B8F6B7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F5B7F6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F1FFEF**, and **81BD82** is the 20% darker color. If you saturate the color by 10%, you get **A0F69E**, and if you desaturate by 10%, it is **D0F6D0**.

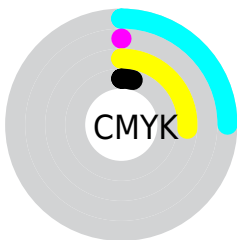
# Distribution



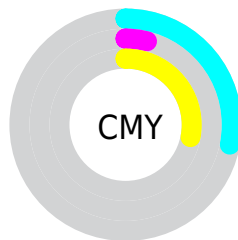
- Red (72%)
- Green (96%)
- Blue (72%)



- Red (72%)
- Yellow (96%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)



- Cyan (28%)
- Magenta (4%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8F6B7 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 B8F6B7 by changing the saturation by 10% instead.



 B8F6B7

FFFFFF

 F1FFEF

 B8F6B7

 9CD99C

 81BD82

 67A268

 4D8850

 346E38

 195522

 003D0C

 002700

 000A00

 B8F6B7

 B8F6B7

 A0F69E

 D0F6D0

 88F686

 E8F6E8

 6FF66D

 FFF6FF

 57F655

 3FF63C

 27F623

 0FF60B

 04F600

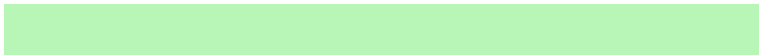
# Harmonies

## Analogous

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



E4ED9F



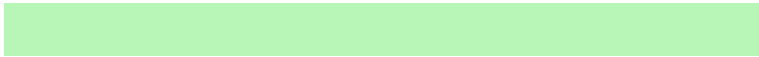
B8F6B7



8CFBDB

# Triad

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



B8F6B7



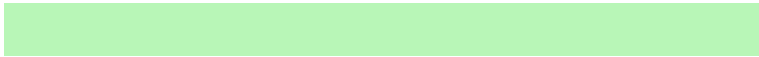
A5EDFF



FFCBCC

# Complementary

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



B8F6B7



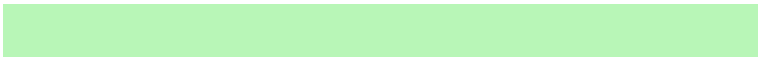
F5B7F6

# 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.



FFCBF2



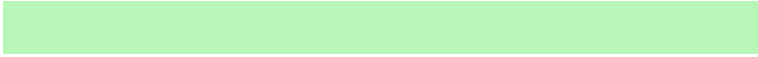
B8F6B7



DEE0FF

# Square

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



B8F6B7



74F6FF



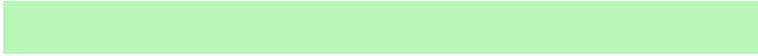
FFD3FF



FFD4AC

# Rectangle

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



**B8F6B7**



**73FBF5**



**FFD3FF**

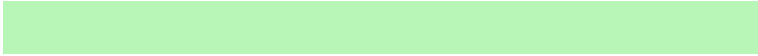


**FFCAD8**

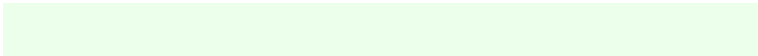


# Sweetspot

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



B8F6B7



EBFFEB



F6F5B7



738073



000000

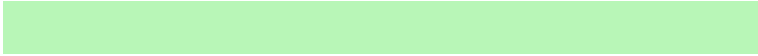


808080

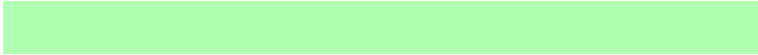


# Same Dimension

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



B8F6B7



B1FFB0



B7F6D5



6E7A6E



03BA00



013B00



# Inverse Universe

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



F5B7F6



FEB0FF



F6B7D8



7A6E7A



B700BA

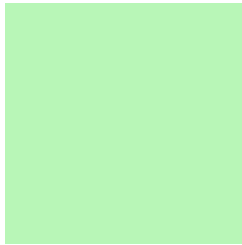


3A003B



# Previews

## White Background



This preview shows how the Hex color B8F6B7 looks on a white background.

## Color Contrast Check

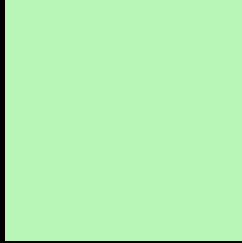
Large Text (above 18pt) WCAG AA × Fail

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 B8F6B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

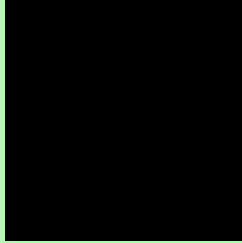
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

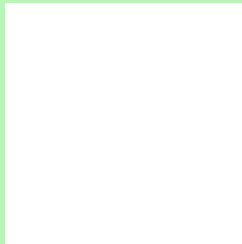
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8F6B7 Background



This preview shows how black text looks on a background with the Hex color B8F6B7.

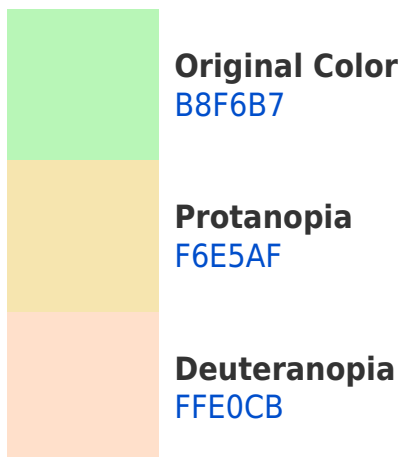


This preview shows how white text looks on a background with the Hex color B8F6B7.

# 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

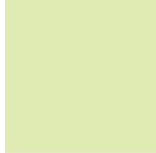




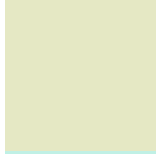
# Trichromacy



**Original Color**  
B8F6B7



**Protanomaly**  
DFEBB2

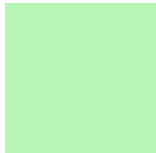


**Deuteranomaly**  
E5E8C4

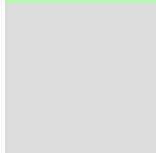


**Tritanomaly**  
C0F0E5

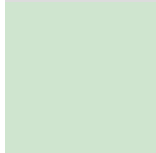
# Monochromacy



**Original Color**  
B8F6B7



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
CFE5CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8F6B7 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 #B8F6B7 looks like.

```
.text, #text, p{  
    color:#B8F6B7  
}
```

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 #B8F6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8F6B7
}
```

## Border

The CSS property to change the border of an element to Hex B8F6B7 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
#B8F6B7 }
```

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

```
.border{ border-color:#B8F6B7 }
```

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

Here you see how a box with a 4 pixel #B8F6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8F6B7; -webkit-box-shadow:4px 4px  
4px 4px #B8F6B7; box-shadow:4px 4px 4px  
4px #B8F6B7 }
```

# Background

The CSS property to change the background color of an element to Hex B8F6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8F6B7 }
```

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

```
.background{ background-color:#B8F6B7 }
```

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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