

# Converting Colors

Hex(B6F9B4)

Have a look what the booklet for  
Hex(B6F9B4) contains.

<b>Hex(B6F9B4)</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(B6F9B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F9B4
RGB	182, 249, 180
RGB Percent	71%, 98%, 71%
CMY	0.2863, 0.0235, 0.2941
CMYK	0.27, 0.00, 0.28, 0.02
HSL	118°, 85%, 84%
HSV	118°, 28%, 98%
XYZ	61.4053, 80.9917, 55.5766
YIQ	221.1010, -17.7830, -35.6630

# Conversions

## Conversions Part 2

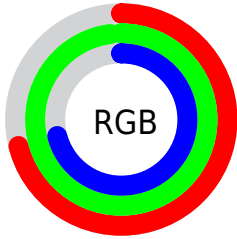
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">180, 249, 247</a>
Decimal	<a href="#">11991476</a>
CIELab	<a href="#">92.13, -33.83, 26.59</a>
CIElCh	<a href="#">92, 43.029, 141.830</a>
Yxy	<a href="#">80.9917, 0.3102, 0.4091</a>
Android (android.graphics.Color)	<a href="#">4290181556 (0xFFB6F9B4)</a>
YUV	<a href="#">221.1010, -20.2628, -34.2916</a>
Hunter-Lab	<a href="#">89.9954, -35.6986, 26.3823</a>

# Details

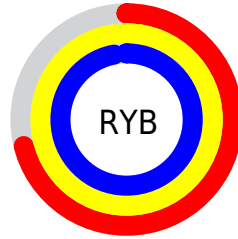
The Hex color **B6F9B4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F7B4F9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **EFFFEC**, and **7FC07F** is the 20% darker color. If you saturate the color by 10%, you get **9EF99B**, and if you desaturate by 10%, it is **CEF9CD**.

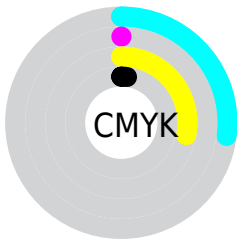
# Distribution



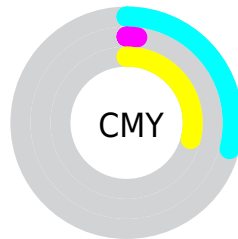
- Red (71%)
- Green (98%)
- Blue (71%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B6F9B4 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 B6F9B4 by changing the saturation by 10% instead.



 B6F9B4

 B6F9B4

FFFFFF


 9ADC99


 EFFFEC

 7FC07F

 65A565

 4B8A4D

 317035

 14571F

 004007

 002900

 000E00

 B6F9B4

 B6F9B4

 9EF99B

 CEF9CD

 86F982

 E6F9E6

 6DF969

 FFF9FF

 55F950

 3DF937

 25F91F

 0DF906

 07F900

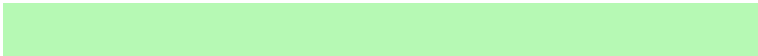
# Harmonies

## Analogous

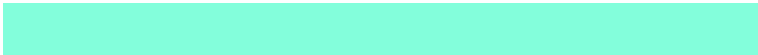
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E6EF9B



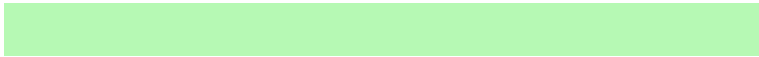
B6F9B4



83FEDB

# Triad

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



B6F9B4



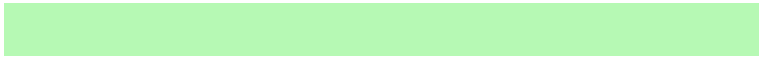
9DF0FF



FFCACC

# Complementary

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



B6F9B4



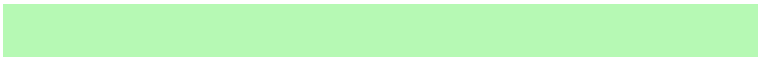
F7B4F9

# 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.



FFCAF6



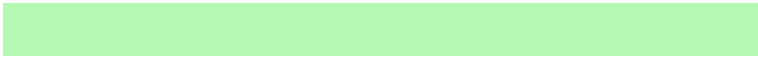
B6F9B4



DEE2FF

# Square

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



B6F9B4



62FAFF



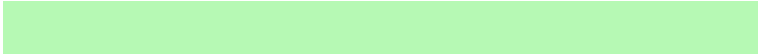
FFD3FF



FFD4A9

# Rectangle

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



B6F9B4



64FFF8



FFD3FF

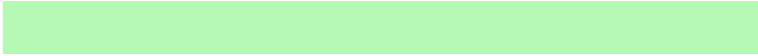


FFC9D9



# Sweetspot

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



B6F9B4



EBFFEB



F9F7B4



738073



000000

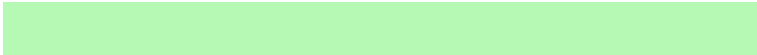


808080

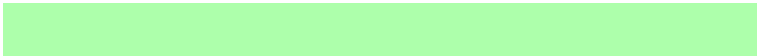


# Same Dimension

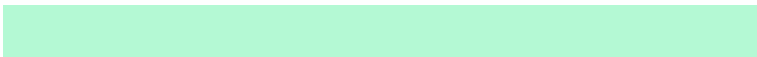
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6F9B4



A D F F A B



B4F9D4



717D70



05BD00



023D00



# Inverse Universe

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



F7B4F9



FDABFF



F9B4D9



7D707D



B700BD

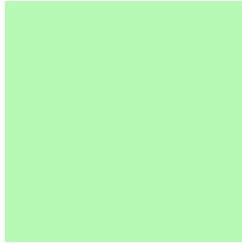


3B003D



# Previews

## White Background



This preview shows how the Hex color B6F9B4 looks on a white background.

## Color Contrast Check

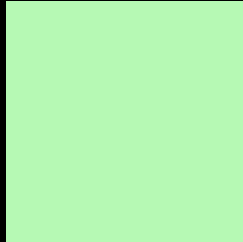
Large Text (above 18pt) WCAG AA × Fail

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 B6F9B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

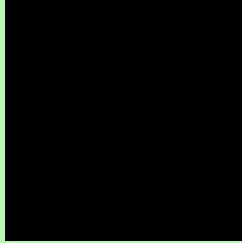
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6F9B4 Background



This preview shows how black text looks on a background with the Hex color B6F9B4.

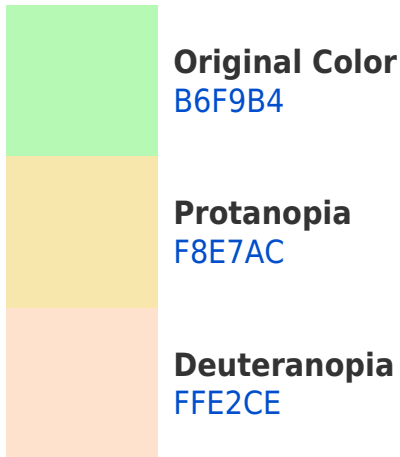


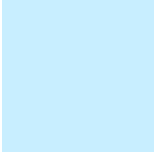
This preview shows how white text looks on a background with the Hex color B6F9B4.

# 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**  
C8EEFF

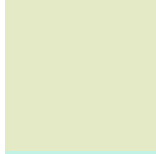
# Trichromacy



**Original Color**  
B6F9B4



**Protanomaly**  
E0EEAF

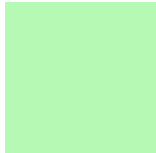


**Deuteranomaly**  
E4EAC5

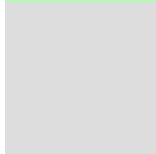


**Tritanomaly**  
C1F2E4

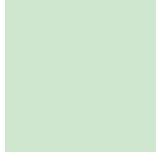
# Monochromacy



**Original Color**  
B6F9B4



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
CFE7CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6F9B4 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 #B6F9B4 looks like.

```
.text, #text, p{  
    color:#B6F9B4  
}
```

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 #B6F9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F9B4
}
```

## Border

The CSS property to change the border of an element to Hex B6F9B4 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
#B6F9B4 }
```

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

```
.border{ border-color:#B6F9B4 }
```

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

Here you see how a box with a 4 pixel #B6F9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F9B4; -webkit-box-shadow:4px 4px  
4px 4px #B6F9B4; box-shadow:4px 4px 4px  
4px #B6F9B4 }
```

# Background

The CSS property to change the background color of an element to Hex B6F9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F9B4 }
```

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

```
.background{ background-color:#B6F9B4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor