

Converting Colors

Hex(B3F1B9)

Have a look what the booklet for
Hex(B3F1B9) contains.

Hex(B3F1B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3F1B9)

Conversions

Conversions Part 1

Format	Color
Hex	B3F1B9
RGB	179, 241, 185
RGB Percent	70%, 95%, 73%
CMY	0.2980, 0.0549, 0.2745
CMYK	0.26, 0.00, 0.23, 0.05
HSL	126°, 69%, 82%
HSV	126°, 26%, 95%
XYZ	58.8027, 75.9971, 57.4686
YIQ	216.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

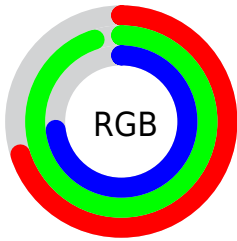
Format	Color
RYB	179, 236, 241
Decimal	11792825
CIELab	89.86, -30.24, 20.88
CIELCh	90, 36.750, 145.369
Yxy	75.9971, 0.3058, 0.3953
Android (android.graphics.Color)	4289982905 (0xFFB3F1B9)
YUV	216.0780, -15.3215, -32.5174
Hunter-Lab	87.1763, -32.1557, 21.9381

Details

The Hex color **B3F1B9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F1B3EB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **ECFFF1**, and **7DB984** is the 20% darker color. If you saturate the color by 10%, you get **9BF1A3**, and if you desaturate by 10%, it is **CBF1CF**.

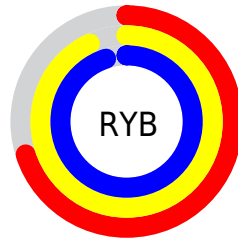
Distribution



Red (70%)

Green (95%)

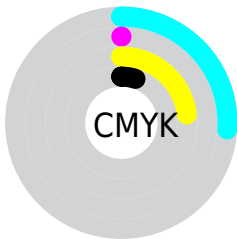
Blue (73%)



Red (70%)

Yellow (93%)

Blue (95%)

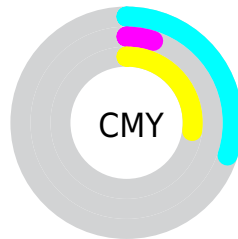


Cyan (26%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (30%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3F1B9 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 B3F1B9 by changing the saturation by 10% instead.

 B3F1B9

FFFFFF

 ECFFF1

 B3F1B9


 98D49E

 7DB984

 639E6A

 498352

 306A3A

 155124

 003A0F

 002400

 000000

 B3F1B9

 B3F1B9

 9BF1A3

 CBF1CF

 83F18D

 E3F1E5

 6BF178

 FBF1FA

 53F162

 FFF1FF

 3AF14C

 22F136

 0AF121

 00F117

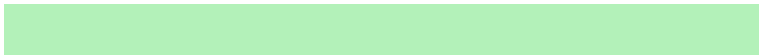
Harmonies

Analogous

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



DCE9A2



B3F1B9



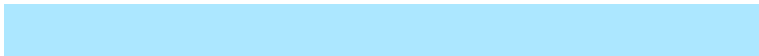
8BF5DB

Triad

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



B3F1B9



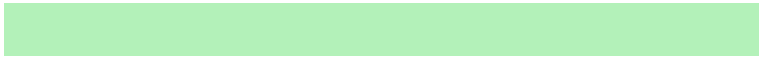
ACE7FF



FFCAC6

Complementary

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



B3F1B9



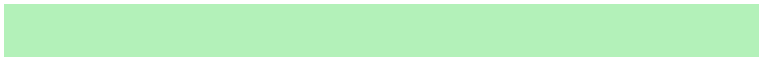
F1B3EB

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.



FFC8E9



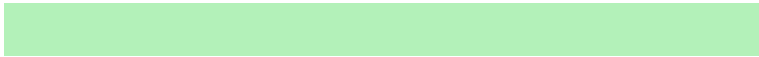
B3F1B9



E0DBFF

Square

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



B3F1B9



7FF0FF



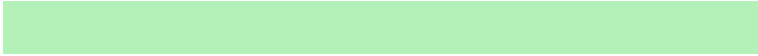
FFCFFF



FFD2A9

Rectangle

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



B3F1B9



78F5F3



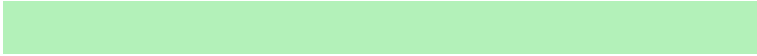
FFCFFF



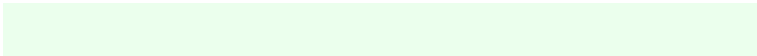
FFC8D1

Sweetspot

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



B3F1B9



EBFFED



ECF1B3



738074



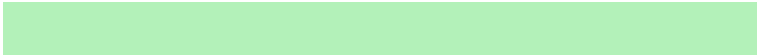
000000



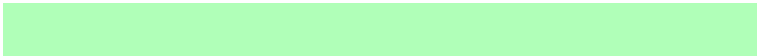
808080

Same Dimension

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



B3F1B9



B0FFB8



B3F1D7



6C786D



00B812



003805

Inverse Universe

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



F1B3EB



FFB0F7



F1B3CD



786C77



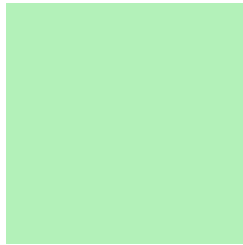
B800A6



380033

Previews

White Background



This preview shows how the Hex color B3F1B9 looks on a white background.

Color Contrast Check

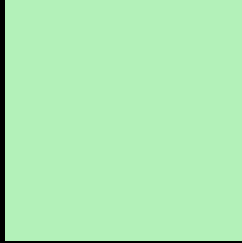
Large Text (above 18pt) WCAG AA × Fail

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 B3F1B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

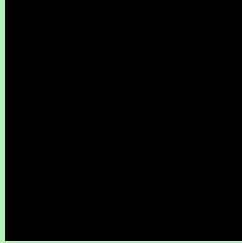
Any Text WCAG AA ✓ Pass

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 B3F1B9 Background



This preview shows how black text looks on a background with the Hex color B3F1B9.

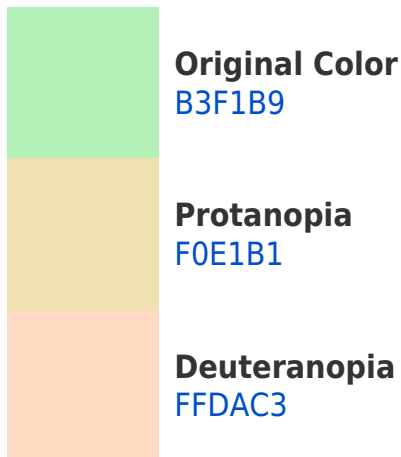


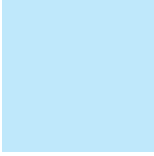
This preview shows how white text looks on a background with the Hex color B3F1B9.

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



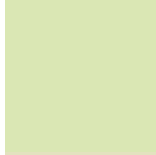


Tritanopia
BFE8FB

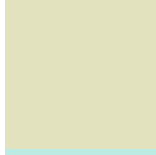
Trichromacy



Original Color
B3F1B9



Protanomaly
DAE7B4



Deuteranomaly
E3E2BF

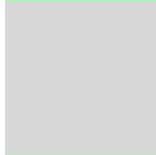


Tritanomaly
BBEBE3

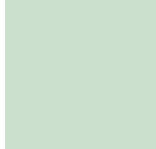
Monochromacy



Original Color
B3F1B9



Achromatopsia
D8D8D8



Achromatomaly
CBE1CD

CSS Examples

Text

The CSS property to change the color of the text to Hex B3F1B9 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 #B3F1B9 looks like.

```
.text, #text, p{  
    color:#B3F1B9  
}
```

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 #B3F1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3F1B9  
}
```

Border

The CSS property to change the border of an element to Hex B3F1B9 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  
#B3F1B9 }
```

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

```
.border{ border-color:#B3F1B9 }
```

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

Here you see how a box with a 4 pixel #B3F1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3F1B9; -webkit-box-shadow:4px 4px  
4px 4px #B3F1B9; box-shadow:4px 4px 4px  
4px #B3F1B9 }
```

Background

The CSS property to change the background color of an element to Hex B3F1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3F1B9 }
```

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

```
.background{ background-color:#B3F1B9 }
```

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