

Converting Colors

Hex(B1F6AB)

Have a look what the booklet for
Hex(B1F6AB) contains.

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Color

Hex(B1F6AB)

Conversions

Conversions Part 1

Format	Color
Hex	B1F6AB
RGB	177, 246, 171
RGB Percent	69%, 96%, 67%
CMY	0.3059, 0.0353, 0.3294
CMYK	0.28, 0.00, 0.30, 0.04
HSL	115°, 81%, 82%
HSV	115°, 30%, 96%
XYZ	58.4379, 78.1989, 50.5420
YIQ	216.8190, -17.0490, -37.9530

Conversions

Conversions Part 2

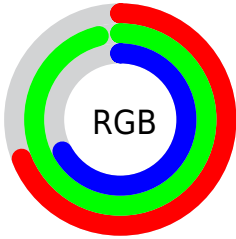
Format	Color
RYB	171, 246, 240
Decimal	11663019
CIELab	90.87, -35.49, 29.40
CIELCh	91, 46.085, 140.355
Yxy	78.1989, 0.3122, 0.4178
Android (android.graphics.Color)	4289853099 (0xFFB1F6AB)
YUV	216.8190, -22.5888, -34.9213
Hunter-Lab	88.4302, -36.7934, 28.0141

Details

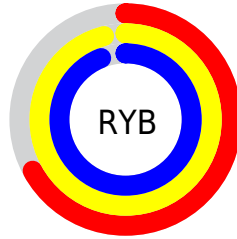
The Hex color **B1F6AB** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F0ABF6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **EAFFE3**, and **7ABD76** is the 20% darker color. If you saturate the color by 10%, you get **9AF692**, and if you desaturate by 10%, it is **C8F6C4**.

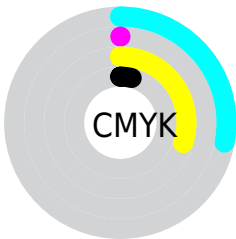
Distribution



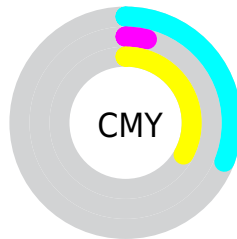
- Red (69%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (94%)



- Cyan (28%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (31%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1F6AB 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 B1F6AB by changing the saturation by 10% instead.

 B1F6AB

FFFFFF

 EAFFE3

 B1F6AB

 95D990

 7ABD76

 60A25D

 458745

 2B6E2D

 0B5516

 003D00

 002700

 000600

 B1F6AB

 B1F6AB

 9AF692

 C8F6C4

 84F67A

 DEF6DC

 6DF661

 F5F6F5

 56F649

 FFF6FF

 40F630

 29F617

 14F600

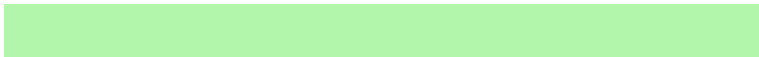
Harmonies

Analogous

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



E4EC91



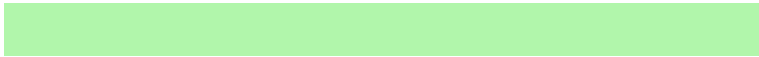
B1F6AB



78FCD5

Triad

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



B1F6AB



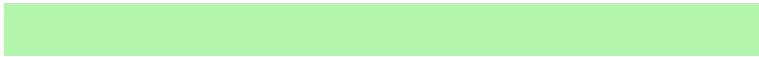
8DEDFF



FFC4C8

Complementary

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



B1F6AB



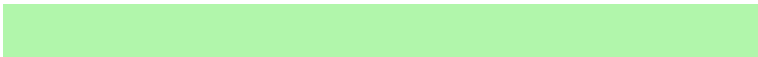
F0ABF6

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.



FFC4F5



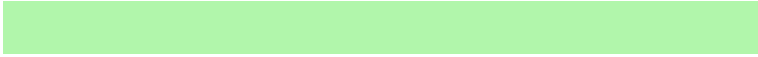
B1F6AB



D5DFFF

Square

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



B1F6AB



42F8FF



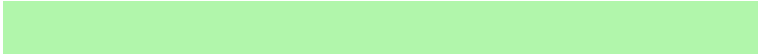
FFCFFF



FFCEA3

Rectangle

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



B1F6AB



4FFDF3



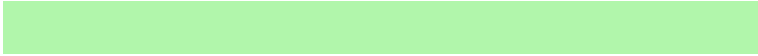
FFCFFF



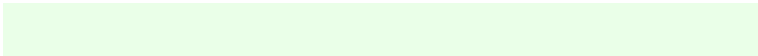
FFC3D7

Sweetspot

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



B1F6AB



EAF FE8



F6F0AB



738071



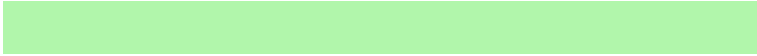
000000



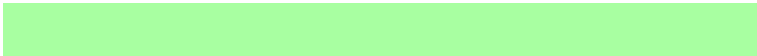
808080

Same Dimension

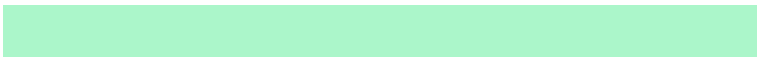
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F6AB



A8FFA1



ABF6CA



6F7A6E



0FBA00



053B00

Inverse Universe

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



F0ABF6



F7A1FF



F6ABD7



796E7A



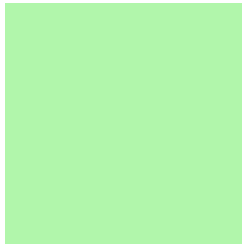
AB00BA



36003B

Previews

White Background



This preview shows how the Hex color B1F6AB 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 B1F6AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

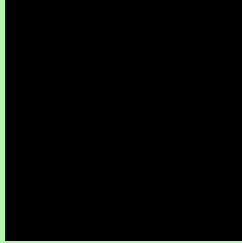
Any Text WCAG AA ✓ Pass

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 B1F6AB Background



This preview shows how black text looks on a background with the Hex color B1F6AB.

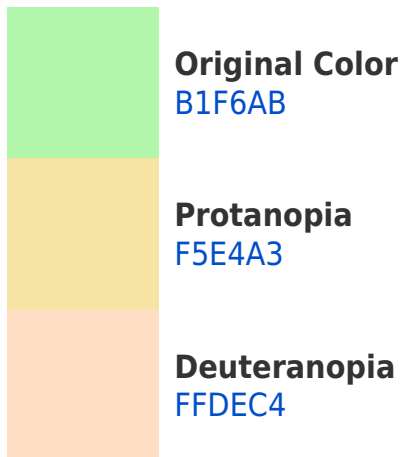


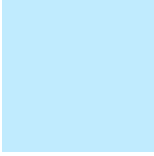
This preview shows how white text looks on a background with the Hex color B1F6AB.

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

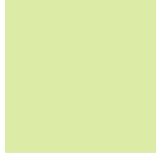




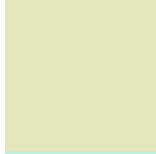
Trichromacy



Original Color
B1F6AB



Protanomaly
DCEBA6



Deuteranomaly
E3E7BB

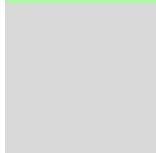


Tritanomaly
BBEFE0

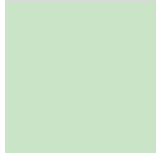
Monochromacy



Original Color
B1F6AB



Achromatopsia
D9D9D9



Achromatomaly
CAE4C8

CSS Examples

Text

The CSS property to change the color of the text to Hex B1F6AB 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 #B1F6AB looks like.

```
.text, #text, p{  
    color:#B1F6AB  
}
```

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 #B1F6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F6AB
}
```

Border

The CSS property to change the border of an element to Hex B1F6AB 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
#B1F6AB }
```

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

```
.border{ border-color:#B1F6AB }
```

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

Here you see how a box with a 4 pixel #B1F6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F6AB; -webkit-box-shadow:4px 4px  
4px 4px #B1F6AB; box-shadow:4px 4px 4px  
4px #B1F6AB }
```

Background

The CSS property to change the background color of an element to Hex B1F6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F6AB }
```

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

```
.background{ background-color:#B1F6AB }
```

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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