

Converting Colors

Hex(B1FFAA)

Have a look what the booklet for
Hex(B1FFAA) contains.

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Color

Hex(B1FFAA)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFAA
RGB	177, 255, 170
RGB Percent	69%, 100%, 67%
CMY	0.3059, 0.0000, 0.3333
CMYK	0.31, 0.00, 0.33, 0.00
HSL	115°, 100%, 83%
HSV	115°, 33%, 100%
XYZ	61.1472, 83.7694, 50.9765
YIQ	221.9880, -19.2030, -42.9710

Conversions

Conversions Part 2

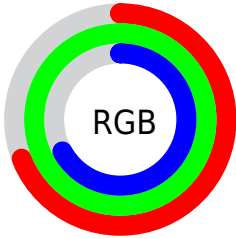
Format	Color
RYB	170, 255, 248
Decimal	11665322
CIELab	93.35, -39.70, 33.24
CIElCh	93, 51.778, 140.066
Yxy	83.7694, 0.3121, 0.4276
Android (android.graphics.Color)	4289855402 (0xFFB1FFAA)
YUV	221.9880, -25.6301, -39.4545
Hunter-Lab	91.5256, -40.9161, 31.0455

Details

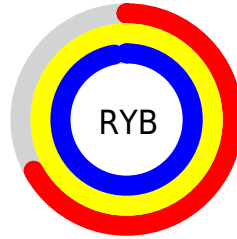
The Hex color **B1FFAA** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F8AAFF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **EAFFE2**, and **7AC675** is the 20% darker color. If you saturate the color by 10%, you get **9AFF91**, and if you desaturate by 10%, it is **C8FFC3**.

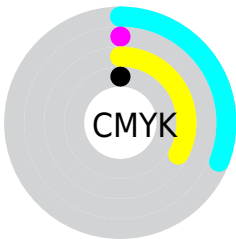
Distribution



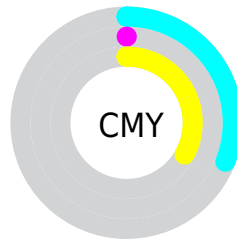
- Red (69%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (97%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FFAA 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 B1FFAA by changing the saturation by 10% instead.

 B1FFAA

 B1FFAA

FFFFFF

 95E28F

 EAFFE2

 7AC675

 5FAA5C

 448F43

 27752B

 005C13

 004400

 002D00

 001400

 B1FFAA

 B1FFAA

 9AFF91

 C8FFC3

 82FF77

 E0FFDD

 6BFF5E

 F7FFF7

 53FF44

FFFFFF

 3CFF2A

 25FF11

 15FF00

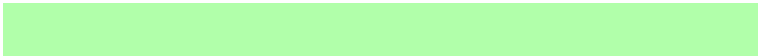
Harmonies

Analogous

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



EAF38C



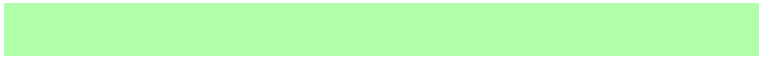
B1FFAA



6CFFD9

Triad

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



B1FFAA



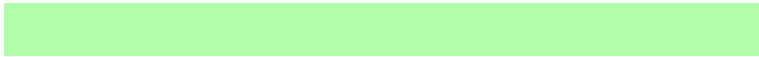
80F6FF



FFC6CC

Complementary

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



B1FFAA



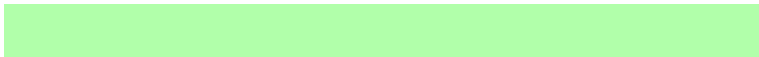
F8AFFF

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.



FFC6FF



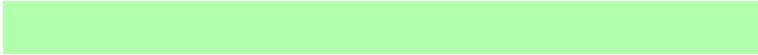
B1FFAA



D8E5FF

Square

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



B1FFAA



00FFFF



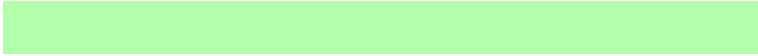
FFD3FF



FFD2A1

Rectangle

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



B1FFAA



26FFFC



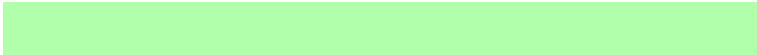
FFD3FF



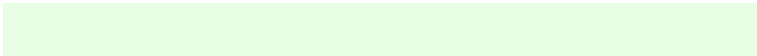
FFC4DD

Sweetspot

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



B1FFAA



E8FFE6



FFF8AA



718070



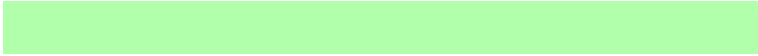
000000



808080

Same Dimension

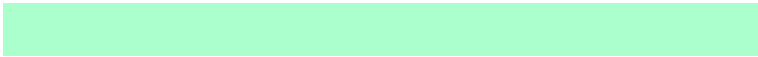
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FFAA



A1FF99



AAFFCD



748073



10BF00



054000

Inverse Universe

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



F8AAFF



F799FF



FFAADC



7E7380



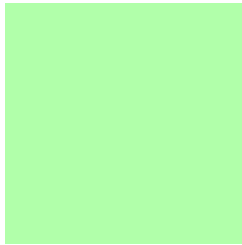
B000BF



3B0040

Previews

White Background



This preview shows how the Hex color B1FFAA looks on a white background.

Color Contrast Check

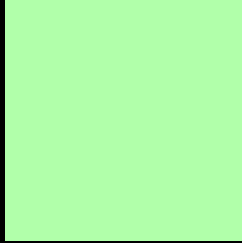
Large Text (above 18pt) WCAG AA × Fail

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 B1FFAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

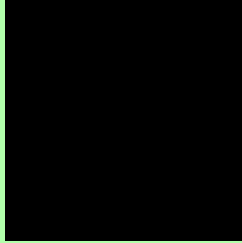
Any Text WCAG AA ✓ Pass

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 B1FFAA Background



This preview shows how black text looks on a background with the Hex color B1FFAA.

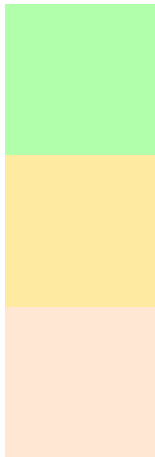


This preview shows how white text looks on a background with the Hex color B1FFAA.

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



Original Color
B1FFAA

Protanopia
FEEBA1

Deuteranopia
FFE7D3

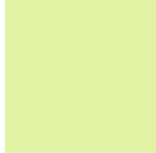


Tritanopia
CFF1FF

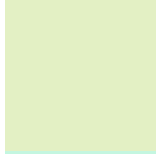
Trichromacy



Original Color
B1FFAA



Protanomaly
E2F2A4

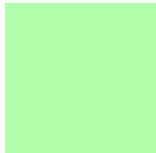


Deuteranomaly
E3F0C4

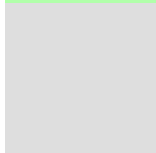


Tritanomaly
C4F6E0

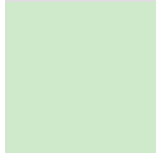
Monochromacy



Original Color
B1FFAA



Achromatopsia
DEDEDE



Achromatomaly
CEEACB

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FFAA 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 #B1FFAA looks like.

```
.text, #text, p{  
    color:#B1FFAA  
}
```

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 #B1FFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FFAA
}
```

Border

The CSS property to change the border of an element to Hex B1FFAA 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
#B1FFAA }
```

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

```
.border{ border-color:#B1FFAA }
```

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

Here you see how a box with a 4 pixel #B1FFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FFAA; -webkit-box-shadow:4px 4px  
4px 4px #B1FFAA; box-shadow:4px 4px 4px  
4px #B1FFAA }
```

Background

The CSS property to change the background color of an element to Hex B1FFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FFAA }
```

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

```
.background{ background-color:#B1FFAA }
```

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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