

Converting Colors

Hex(B0FFAE)

Have a look what the booklet for
Hex(B0FFAE) contains.

Hex(B0FFAE)	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(B0FFAE)

Conversions

Conversions Part 1

Format	Color
Hex	B0FFAE
RGB	176, 255, 174
RGB Percent	69%, 100%, 68%
CMY	0.3098, 0.0000, 0.3176
CMYK	0.31, 0.00, 0.32, 0.00
HSL	119°, 100%, 84%
HSV	119°, 32%, 100%
XYZ	61.3045, 83.8061, 52.9895
YIQ	222.1450, -21.0830, -41.9390

Conversions

Conversions Part 2

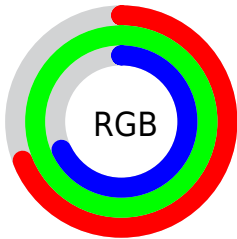
Format	Color
RYB	174, 255, 253
Decimal	11599790
CIELab	93.37, -39.40, 31.25
CIELCh	93, 50.288, 141.585
Yxy	83.8061, 0.3095, 0.4230
Android (android.graphics.Color)	4289789870 (0xFFB0FFAE)
YUV	222.1450, -23.7355, -40.4692
Hunter-Lab	91.5457, -40.6706, 29.7631

Details

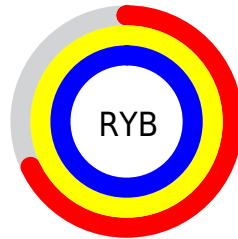
The Hex color **B0FFAE** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FDAEFF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **E9FFE6**, and **79C679** is the 20% darker color. If you saturate the color by 10%, you get **97FF94**, and if you desaturate by 10%, it is **C9FFC8**.

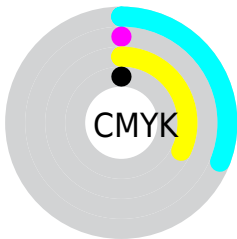
Distribution



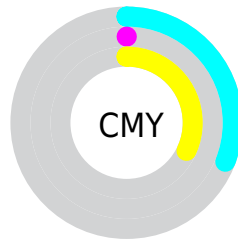
- Red (69%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (99%)



- Cyan (31%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FFAE 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 B0FFAE by changing the saturation by 10% instead.

 B0FFAE

 B0FFAE

FFFFFF

 94E293

 E9FFE6

 79C679

 5EAA60

 438F47

 26752F

 005C18

 004400

 002D00

 001400

 B0FFAE

 B0FFAE

 97FF94

 C9FFC8

 7EFF7B

 E2FFE1

 65FF62

 FBFFFB

 4DFF48

FFFFFF

 34FF2F

 1BFF15

 06FF00

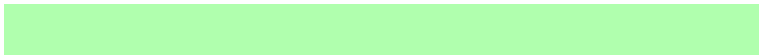
Harmonies

Analogous

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



E8F490



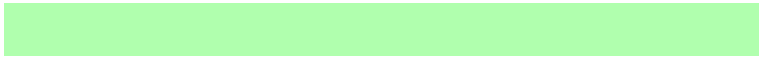
B0FFAE



6EFFDC

Triad

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



B0FFAE



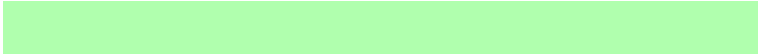
8AF5FF



FFC8CB

Complementary

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



B0FFAE



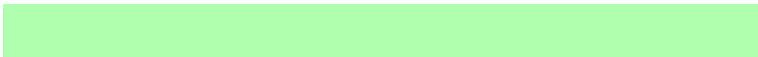
FDAEFF

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.



FFC7FC



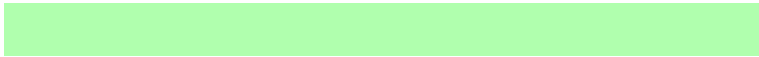
B0FFAE



DDE4FF

Square

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



B0FFAE



18FFFF



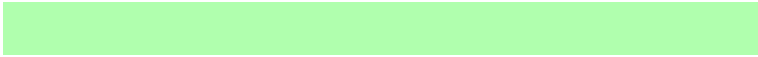
FFD3FF



FFD4A2

Rectangle

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



B0FFAE



33FFFE



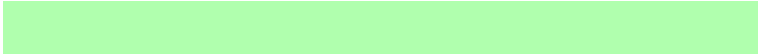
FFD3FF



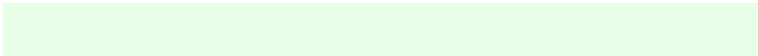
FFC6DB

Sweetspot

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



B0FFAE



E6FFE6



FFFCAE



718070



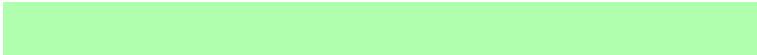
000000



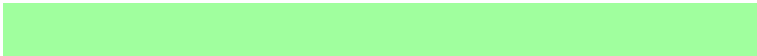
808080

Same Dimension

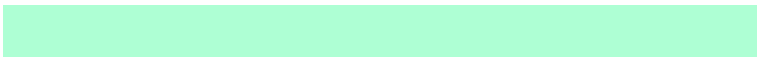
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FFAE



A0FF9E



AEFFD4



738073



05BF00



024000

Inverse Universe

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



FDAEFF



FD9EFF



FFAED9



7F7380



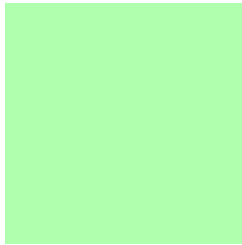
BB00BF



3E0040

Previews

White Background



This preview shows how the Hex color B0FFAE looks on a white background.

Color Contrast Check

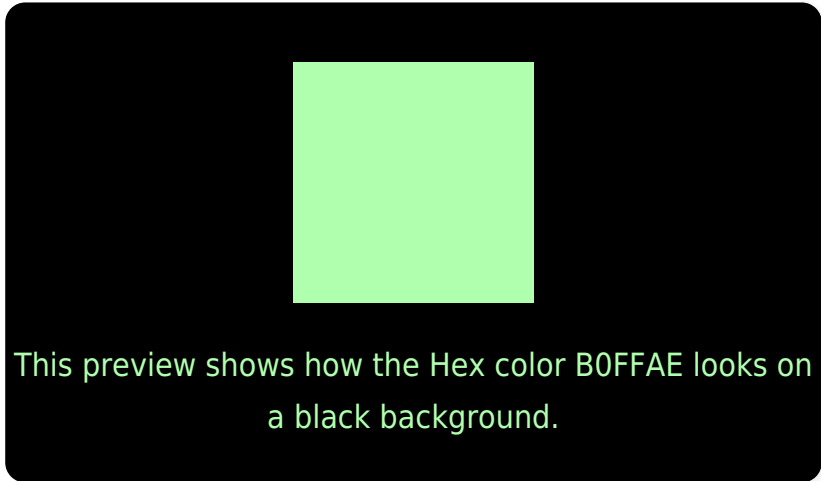
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

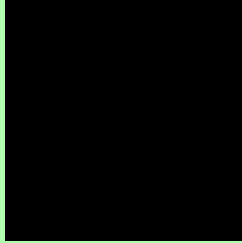
Any Text WCAG AA ✓ Pass

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 B0FFAE Background



This preview shows how black text looks on a background with the Hex color B0FFAE.

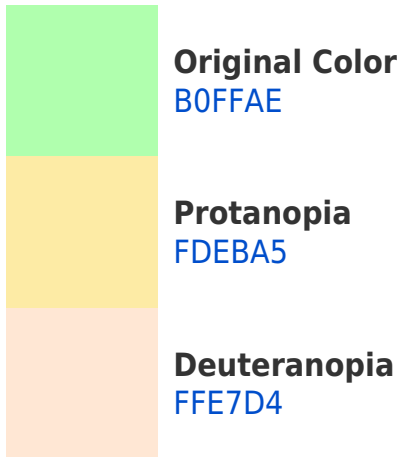


This preview shows how white text looks on a background with the Hex color B0FFAE.

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



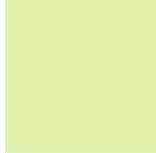


Tritanopia
CEF1FF

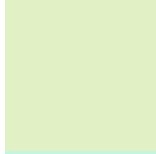
Trichromacy



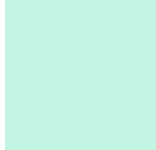
Original Color
B0FFAE



Protanomaly
E1F2A8

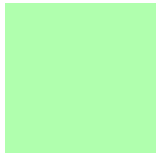


Deuteranomaly
E2F0C6

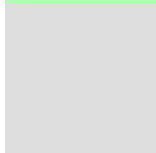


Tritanomaly
C3F6E2

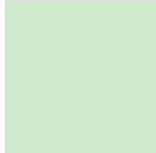
Monochromacy



Original Color
B0FFAE



Achromatopsia
DEDEDE



Achromatomaly
CDEACD

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FFAE 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 #B0FFAE looks like.

```
.text, #text, p{  
    color:#B0FFAE  
}
```

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 #B0FFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FFAE
}
```

Border

The CSS property to change the border of an element to Hex B0FFAE 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
#B0FFAE }
```

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

```
.border{ border-color:#B0FFAE }
```

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

Here you see how a box with a 4 pixel #B0FFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FFAE; -webkit-box-shadow:4px 4px  
4px 4px #B0FFAE; box-shadow:4px 4px 4px  
4px #B0FFAE }
```

Background

The CSS property to change the background color of an element to Hex B0FFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FFAE }
```

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

```
.background{ background-color:#B0FFAE }
```

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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