

Converting Colors

Hex(B0FF8A)

Have a look what the booklet for
Hex(B0FF8A) contains.

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Color

Hex(B0FF8A)

Conversions

Conversions Part 1

Format	Color
Hex	B0FF8A
RGB	176, 255, 138
RGB Percent	69%, 100%, 54%
CMY	0.3098, 0.0000, 0.4588
CMYK	0.31, 0.00, 0.46, 0.00
HSL	101°, 100%, 77%
HSV	101°, 46%, 100%
XYZ	58.2519, 82.5851, 36.9151
YIQ	218.0410, -9.5270, -53.1350

Conversions

Conversions Part 2

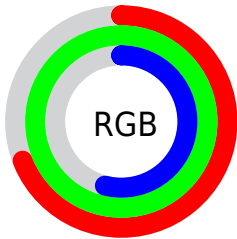
Format	Color
RYB	138, 255, 217
Decimal	11599754
CIELab	92.83, -44.39, 48.18
CIElCh	93, 65.517, 132.656
Yxy	82.5851, 0.3277, 0.4646
Android (android.graphics.Color)	4289789834 (0xFFB0FF8A)
YUV	218.0410, -39.4602, -36.8700
Hunter-Lab	90.8763, -44.6147, 39.5291

Details

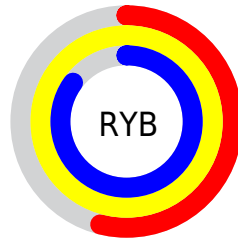
The Hex color **B0FF8A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D98AFF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **EAFFC1**, and **78C655** is the 20% darker color. If you saturate the color by 10%, you get **9FFF71**, and if you desaturate by 10%, it is **C1FFA3**.

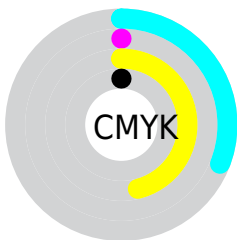
Distribution



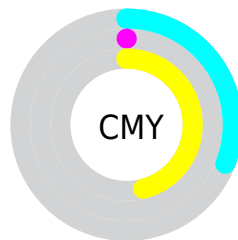
- Red (69%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FF8A 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 B0FF8A by changing the saturation by 10% instead.

 B0FF8A

FFFFFF

 EAFFC1

 FFFFDE

 FFFFFB

 B0FF8A

 94E26F

 78C655

 5CAA3B

 408F20

 207500

 005C00

 004300

 002D00

 001200

 B0FF8A

 B0FF8A

 9FFF71

 C1FFA3

 8EFF57

 D2FFBD

 7CFF3E

 E4FFD7

 6BFF24

 F5FFF0

 5AFF0B

FFFFFF

 53FF00

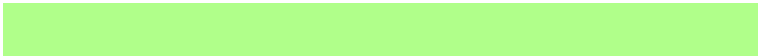
Harmonies

Analogous

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



F6EF6A



B0FF8A



48FFC3

Triad

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



B0FF8A



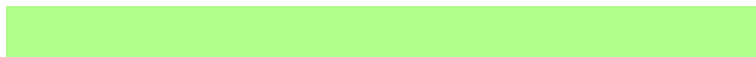
00FBFF



FFB5D2

Complementary

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



B0FF8A



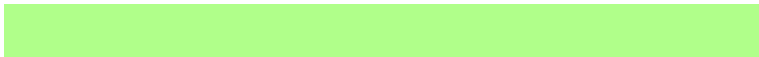
D98AFF

Split Complementary

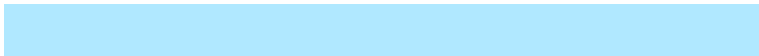
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAFF



B0FF8A



B0E8FF

Square

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



B0FF8A



00FFFF



FFCFFF



FFC398

Rectangle

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



`B0FF8A`



`00FFEE`



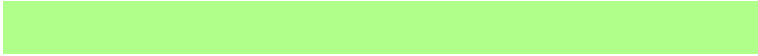
`FFCFFF`



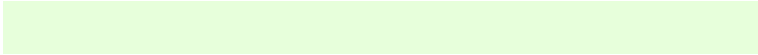
`FFB5E7`

Sweetspot

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



B0FF8A



E7FFDB



FFD88A



71806A



000000



808080

Same Dimension

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



B0FF8A



A0FF73



8AFF9E



778073



3EBF00



154000

Inverse Universe

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



D98AFF



D173FF



FF8AEB



7B7380



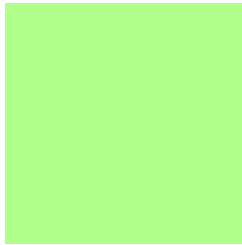
8100BF



2B0040

Previews

White Background



This preview shows how the Hex color B0FF8A looks on a white background.

Color Contrast Check

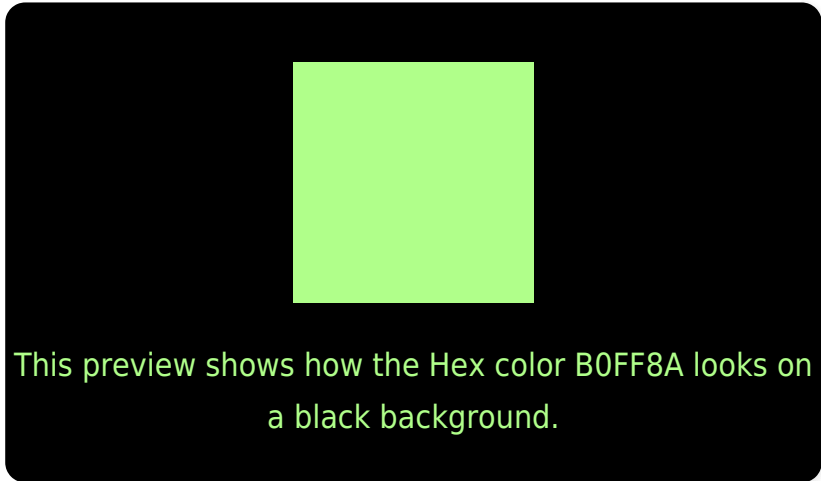
Large Text (above 18pt) WCAG AA × Fail

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

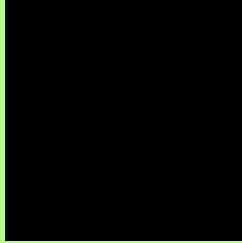
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

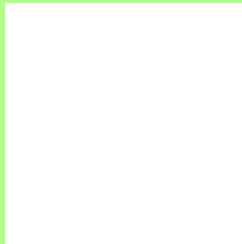
Any Text WCAG AAA ✓ Pass

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

Hex B0FF8A Background



This preview shows how black text looks on a background with the Hex color B0FF8A.

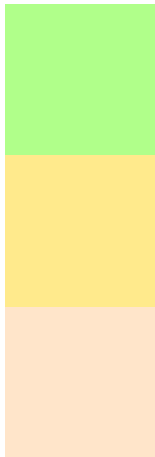


This preview shows how white text looks on a background with the Hex color B0FF8A.

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
B0FF8A

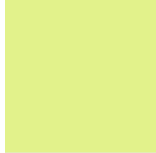
Protanopia
FFEA8C

Deuteranopia
FFE5CA

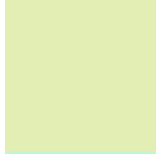
Trichromacy



Original Color
B0FF8A



Protanomaly
E2F28B

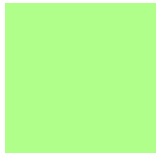


Deuteranomaly
E2EEB3

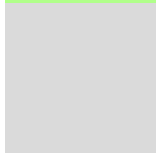


Tritanomaly
C2F5D4

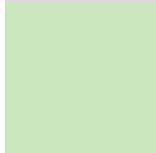
Monochromacy



Original Color
B0FF8A



Achromatopsia
DADADA



Achromatomaly
CBE7BD

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FF8A 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 #B0FF8A looks like.

```
.text, #text, p{  
    color:#B0FF8A  
}
```

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 #B0FF8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FF8A
}
```

Border

The CSS property to change the border of an element to Hex B0FF8A 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
#B0FF8A }
```

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

```
.border{ border-color:#B0FF8A }
```

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

Here you see how a box with a 4 pixel #B0FF8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FF8A; -webkit-box-shadow:4px 4px  
4px 4px #B0FF8A; box-shadow:4px 4px 4px  
4px #B0FF8A }
```

Background

The CSS property to change the background color of an element to Hex B0FF8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FF8A }
```

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

```
.background{ background-color:#B0FF8A }
```

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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