

Converting Colors

Hex(B0FFC0)

Have a look what the booklet for
Hex(B0FFC0) contains.

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Color

Hex(B0FFC0)

Conversions

Conversions Part 1

Format	Color
Hex	B0FFC0
RGB	176, 255, 192
RGB Percent	69%, 100%, 75%
CMY	0.3098, 0.0000, 0.2471
CMYK	0.31, 0.00, 0.25, 0.00
HSL	132°, 100%, 85%
HSV	132°, 31%, 100%
XYZ	63.1789, 84.5559, 62.8602
YIQ	224.1970, -26.8610, -36.3410

Conversions

Conversions Part 2

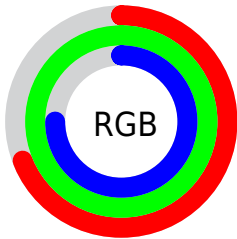
Format	Color
RYB	176, 242, 255
Decimal	11599808
CIELab	93.69, -36.44, 22.59
CIElCh	94, 42.878, 148.208
Yxy	84.5559, 0.3000, 0.4015
Android (android.graphics.Color)	4289789888 (0xFFB0FFC0)
YUV	224.1970, -15.8731, -42.2688
Hunter-Lab	91.9543, -38.2782, 23.8372

Details

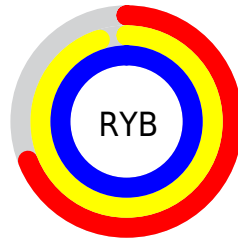
The Hex color **B0FFC0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB0EF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **E9FFF9**, and **79C68A** is the 20% darker color. If you saturate the color by 10%, you get **96FFAC**, and if you desaturate by 10%, it is **CAFFD4**.

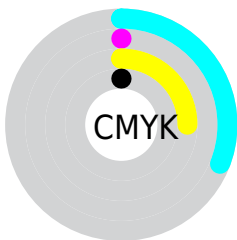
Distribution



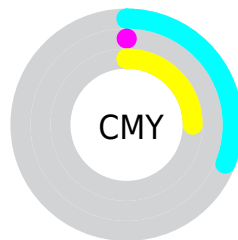
- Red (69%)
- Green (100%)
- Blue (75%)



- Red (69%)
- Yellow (95%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FFC0 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 B0FFC0 by changing the saturation by 10% instead.

 B0FFC0

FFFFFF

 E9FFF9

 B0FFC0

 94E2A5

 79C68A

 5EAA71

 438F58

 287540

 025C29

 004413

 002D00

 001500

 B0FFC0

 B0FFC0

 96FFAC

 CAFFD4

 7DFF97

 E3FFE9

 63FF83

 FDFFFD

 4AFF6F

FFFFFF

 31FF5A

 17FF46

 00FF34

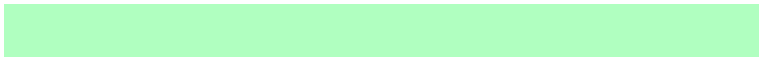
Harmonies

Analogous

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



E0F6A3



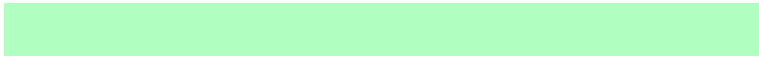
B0FFC0



7EFFE9

Triad

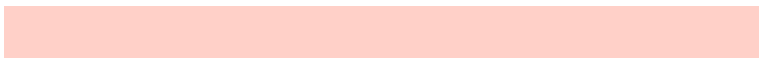
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B0FFC0



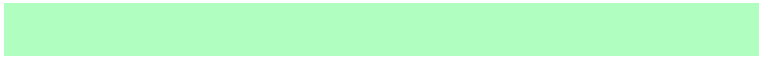
B0F2FF



FFD0C8

Complementary

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



B0FFC0



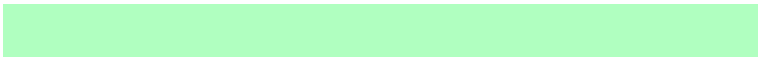
FFB0EF

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.



FFCEF1



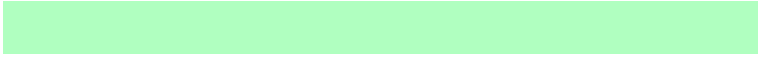
B0FFC0



EFE3FF

Square

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



B0FFC0



73FDFD



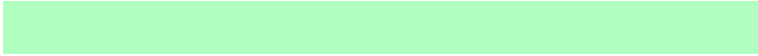
FFD5FF



FFDBA8

Rectangle

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



B0FFC0



63FFFF



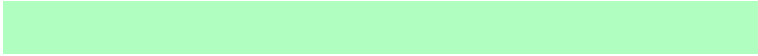
FFD5FF



FFCED5

Sweetspot

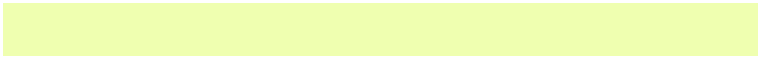
The Sweet Spot groups the original color and five complimentary colors.



B0FFC0



E8FFED



EFFFB0



718074



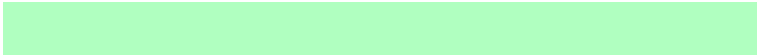
000000



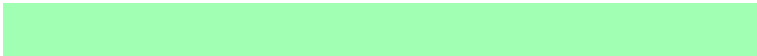
808080

Same Dimension

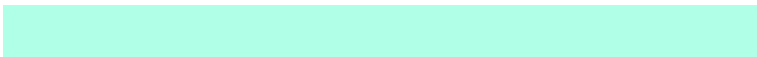
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FFC0



A1FFB4



B0FFE7



738075



00BF27



00400D

Inverse Universe

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



FFB0EF



FFA1EC



FFB0C8



80737D



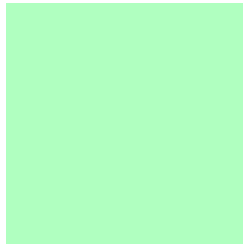
BF0099



400033

Previews

White Background



This preview shows how the Hex color B0FFC0 looks on a white background.

Color Contrast Check

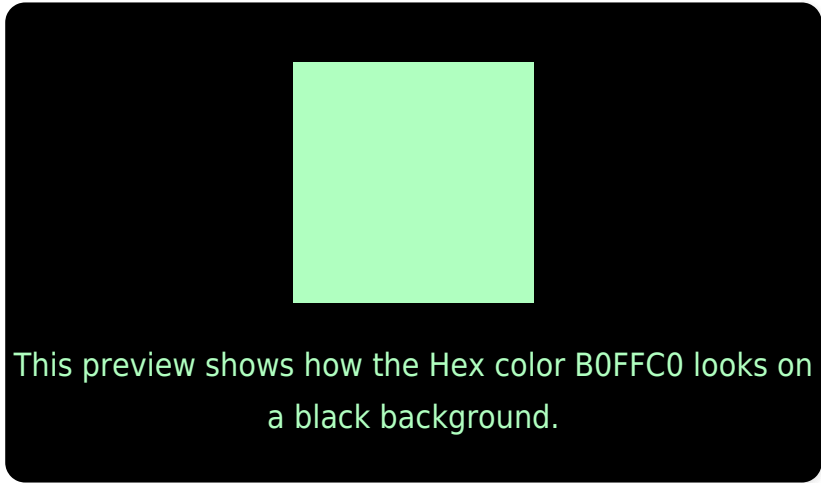
Large Text (above 18pt) WCAG AA × Fail

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

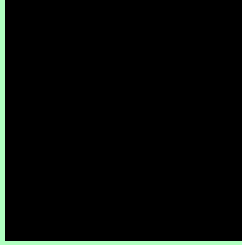
Any Text WCAG AA ✓ Pass

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 B0FFC0 Background



This preview shows how black text looks on a background with the Hex color B0FFC0.

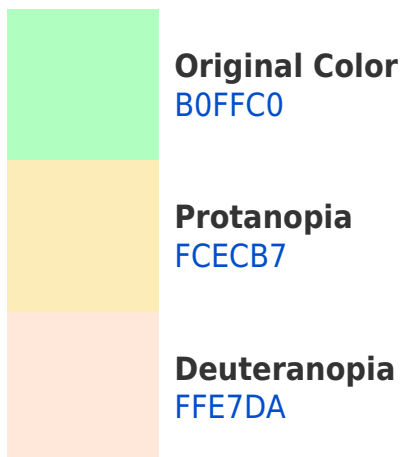


This preview shows how white text looks on a background with the Hex color B0FFC0.

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



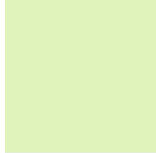


Tritanopia
D0F2FF

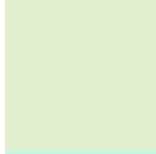
Trichromacy



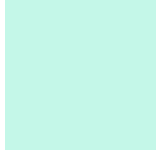
Original Color
B0FFC0



Protanomaly
E0F3BA

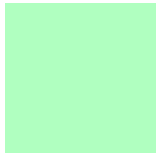


Deuteranomaly
E2F0D1

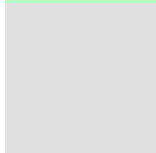


Tritanomaly
C4F7E8

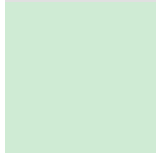
Monochromacy



Original Color
B0FFC0



Achromatopsia
E0E0E0



Achromatomaly
CFEBD4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FFC0 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 #B0FFC0 looks like.

```
.text, #text, p{  
    color:#B0FFC0  
}
```

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 #B0FFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FFC0
}
```

Border

The CSS property to change the border of an element to Hex B0FFC0 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
#B0FFC0 }
```

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

```
.border{ border-color:#B0FFC0 }
```

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

Here you see how a box with a 4 pixel #B0FFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FFC0; -webkit-box-shadow:4px 4px  
4px 4px #B0FFC0; box-shadow:4px 4px 4px  
4px #B0FFC0 }
```

Background

The CSS property to change the background color of an element to Hex B0FFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FFC0 }
```

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

```
.background{ background-color:#B0FFC0 }
```

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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