

Converting Colors

Hex(B0FFC4)

Have a look what the booklet for
Hex(B0FFC4) contains.

Hex(B0FFC4)	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(B0FFC4)

Conversions

Conversions Part 1

Format	Color
Hex	B0FFC4
RGB	176, 255, 196
RGB Percent	69%, 100%, 77%
CMY	0.3098, 0.0000, 0.2314
CMYK	0.31, 0.00, 0.23, 0.00
HSL	135°, 100%, 85%
HSV	135°, 31%, 100%
XYZ	63.6283, 84.7356, 65.2266
YIQ	224.6530, -28.1450, -35.0970

Conversions

Conversions Part 2

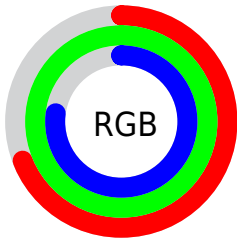
Format	Color
RYB	176, 239, 255
Decimal	11599812
CIELab	93.77, -35.75, 20.66
CIELCh	94, 41.288, 149.975
Yxy	84.7356, 0.2979, 0.3967
Android (android.graphics.Color)	4289789892 (0xFFB0FFC4)
YUV	224.6530, -14.1259, -42.6687
Hunter-Lab	92.0520, -37.7079, 22.4244

Details

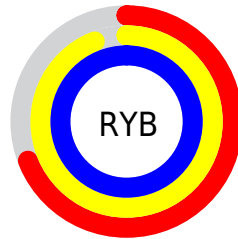
The Hex color **B0FFC4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB0EB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **E9FFFD**, and **79C68E** is the 20% darker color. If you saturate the color by 10%, you get **96FFB1**, and if you desaturate by 10%, it is **CAFFD7**.

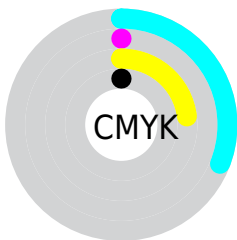
Distribution



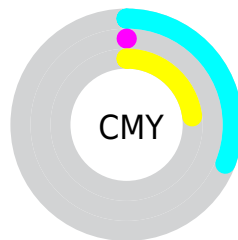
- Red (69%)
- Green (100%)
- Blue (77%)



- Red (69%)
- Yellow (94%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FFC4 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 B0FFC4 by changing the saturation by 10% instead.

 B0FFC4

FFFFFF

 E9FFFD

 B0FFC4

 94E2A9

 79C68E

 5EAA74

 438F5B

 287544

 025C2D

 004417

 002D00

 001600

 B0FFC4

 B0FFC4

 96FFB1

 CAFFD7

 7DFF9E

 E3FFEA

 63FF8B

 FDFFFD

 4AFF78

FFFFFF

 31FF65

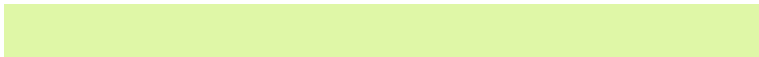
 17FF52

 00FF41

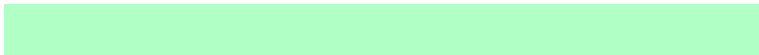
Harmonies

Analogous

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



DFF7A7



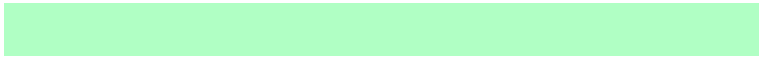
B0FFC4



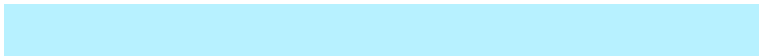
82FFEC

Triad

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



B0FFC4



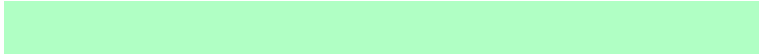
B7F1FF



FFD2C7

Complementary

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



B0FFC4



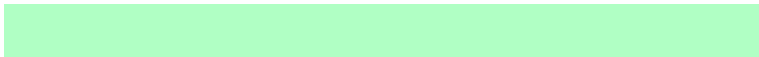
FFB0EB

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.



FFCFEF



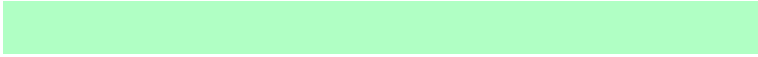
B0FFC4



F2E3FF

Square

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



B0FFC4



7EFCFF



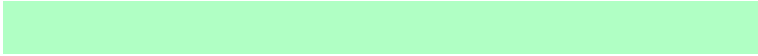
FFD6FF



FFDDA9

Rectangle

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



B0FFC4



6BFFFF



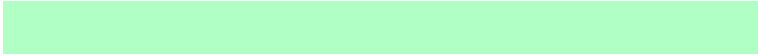
FFD6FF



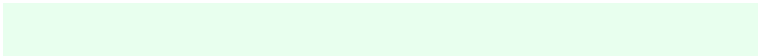
FFD0D4

Sweetspot

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



B0FFC4



E8FFEE



EBFFB0



718075



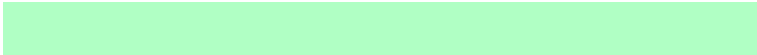
000000



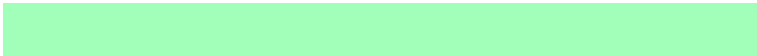
808080

Same Dimension

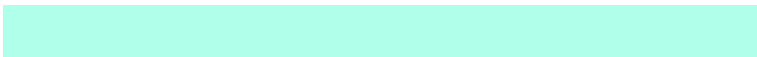
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FFC4



A1FFB9



B0FFEB



738076



00BF30



004010

Inverse Universe

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



FFB0EB



FFA1E7



FFB0C4



80737C



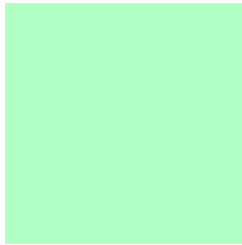
BF008F



400030

Previews

White Background



This preview shows how the Hex color B0FFC4 looks on a white background.

Color Contrast Check

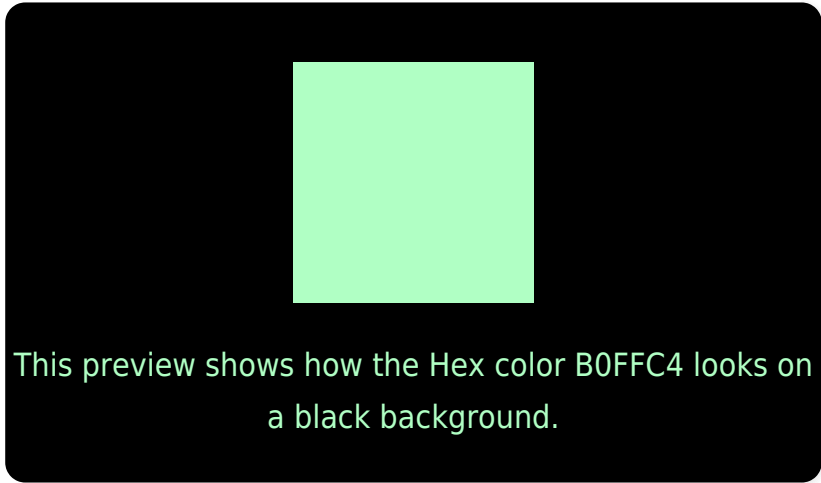
Large Text (above 18pt) WCAG AA × Fail

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

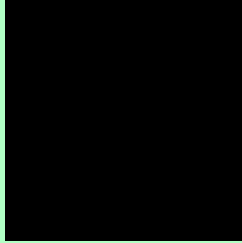
Any Text WCAG AA ✓ Pass

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 B0FFC4 Background



This preview shows how black text looks on a background with the Hex color B0FFC4.



This preview shows how white text looks on a background with the Hex color B0FFC4.

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



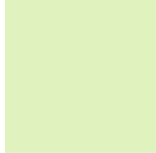


Tritanopia
D0F2FF

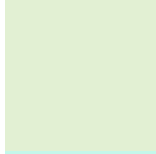
Trichromacy



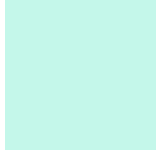
Original Color
B0FFC4



Protanomaly
E0F3BE

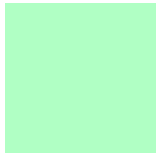


Deuteranomaly
E2F0D3

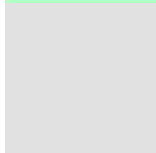


Tritanomaly
C4F7EA

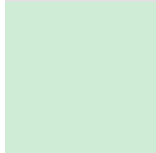
Monochromacy



Original Color
B0FFC4



Achromatopsia
E1E1E1



Achromatomaly
CFECD6

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FFC4 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 #B0FFC4 looks like.

```
.text, #text, p{  
    color:#B0FFC4  
}
```

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 #B0FFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FFC4
}
```

Border

The CSS property to change the border of an element to Hex B0FFC4 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
#B0FFC4 }
```

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

```
.border{ border-color:#B0FFC4 }
```

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

Here you see how a box with a 4 pixel #B0FFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FFC4; -webkit-box-shadow:4px 4px  
4px 4px #B0FFC4; box-shadow:4px 4px 4px  
4px #B0FFC4 }
```

Background

The CSS property to change the background color of an element to Hex B0FFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FFC4 }
```

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

```
.background{ background-color:#B0FFC4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor