

# Converting Colors

Hex(B0FFCE)

Have a look what the booklet for  
Hex(B0FFCE) contains.

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# Color

Hex(**B0FFCE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B0FFCE
RGB	176, 255, 206
RGB Percent	69%, 100%, 81%
CMY	0.3098, 0.0000, 0.1922
CMYK	0.31, 0.00, 0.19, 0.00
HSL	143°, 100%, 85%
HSV	143°, 31%, 100%
XYZ	64.8051, 85.2063, 71.4234
YIQ	225.7930, -31.3550, -31.9870

# Conversions

## Conversions Part 2

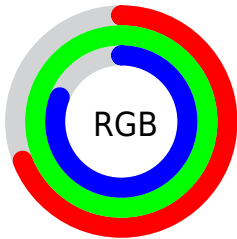
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 233, 255
Decimal	11599822
CIELab	93.97, -33.94, 15.83
CIELCh	94, 37.452, 154.995
Yxy	85.2063, 0.2927, 0.3848
Android (android.graphics.Color)	4289789902 (0xFFB0FFCE)
YUV	225.7930, -9.7579, -43.6685
Hunter-Lab	92.3073, -36.2204, 18.7390

# Details

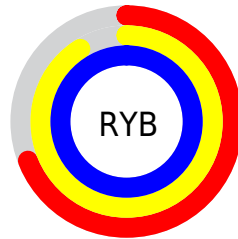
The Hex color **B0FFCE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB0E1**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **E9FFFF**, and **79C698** is the 20% darker color. If you saturate the color by 10%, you get **96FFBE**, and if you desaturate by 10%, it is **CAFFDE**.

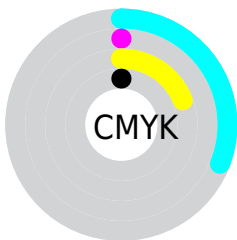
# Distribution



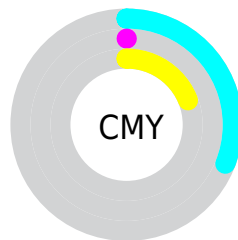
- Red (69%)
- Green (100%)
- Blue (81%)



- Red (69%)
- Yellow (91%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0FFCE 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 B0FFCE by changing the saturation by 10% instead.



 B0FFCE

FFFFFF

 E9FFFF

 B0FFCE

 94E2B2

 79C698

 5EAA7E

 449065

 28764C

 025C36

 004420

 002D0A

 001600

 B0FFCE

 B0FFCE

 96FFBE

 CAFFDE

 7DFFAE

 E3FFEE

 63FF9F

 FDFFFD

 4AFF8F

FFFFFF

 31FF7F

 17FF6F

 00FF61

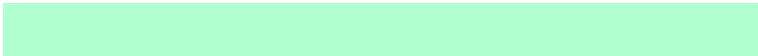
# Harmonies

## Analogous

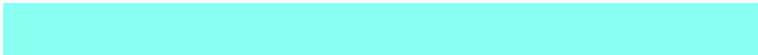
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAF8B2



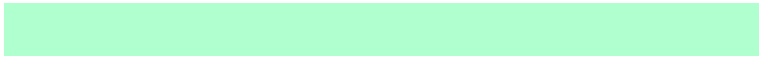
B0FFCE



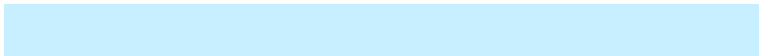
8AFFF3

# Triad

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



B0FFCE



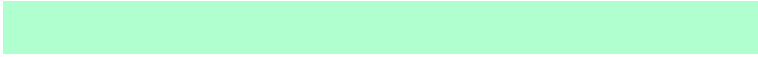
C8EFFF



FFD7C6

# Complementary

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



B0FFCE



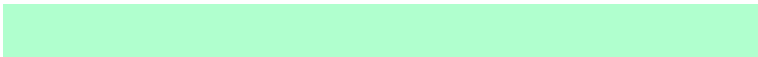
FFB0E1

# 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.



FFD3E9



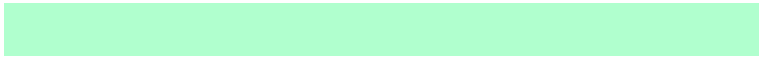
B0FFCE



FBE2FF

# Square

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



B0FFCE



95FAFF



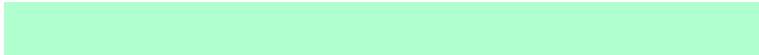
FFD7FF



FFE1AD

# Rectangle

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



B0FFCE



7CFFFF



FFD7FF

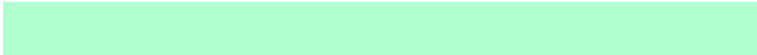


FFD5D1

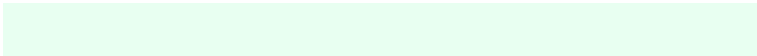


# Sweetspot

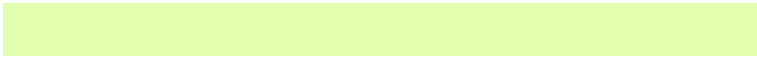
The Sweet Spot groups the original color and five complimentary colors.



B0FFCE



E8FFF1



E2FFB0



718077



000000

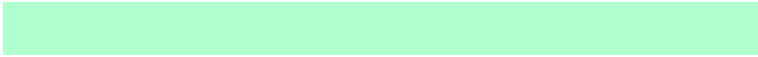


808080

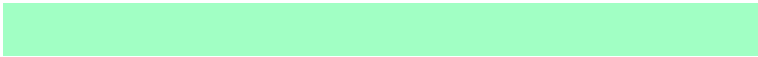


# Same Dimension

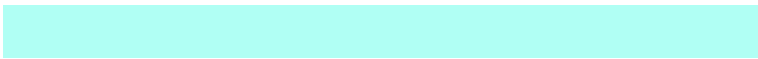
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FFCE



A1FFC4



B0FFF4



738078



00BF49



004018



# Inverse Universe

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



FFB0E1



FFA1DB



FFB0BB



80737B



BF0077

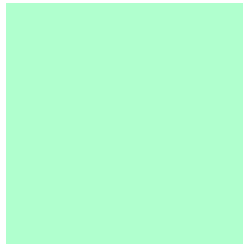


400028



# Previews

## White Background



This preview shows how the Hex color B0FFCE looks on a white background.

## Color Contrast Check

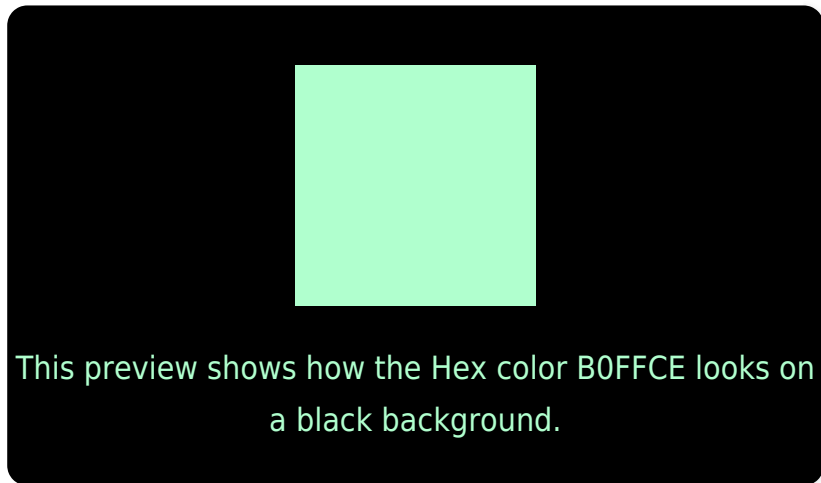
Large Text (above 18pt) WCAG AA × Fail

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

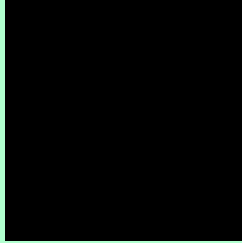
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0FFCE Background



This preview shows how black text looks on a background with the Hex color B0FFCE.

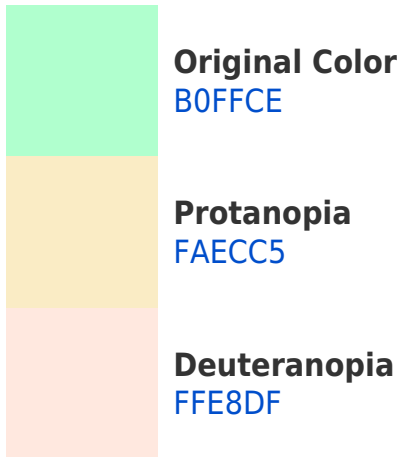


This preview shows how white text looks on a background with the Hex color B0FFCE.

# 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



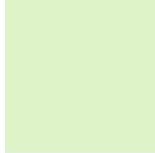


**Tritanopia**  
D1F3FF

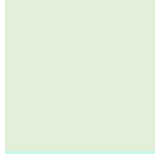
# Trichromacy



**Original Color**  
B0FFCE



**Protanomaly**  
DFF3C8



**Deuteranomaly**  
E2F0D9

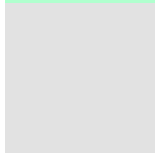


**Tritanomaly**  
C5F7ED

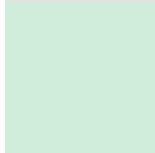
# Monochromacy



**Original Color**  
B0FFCE



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
D0EDDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0FFCE 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 #B0FFCE looks like.

```
.text, #text, p{  
    color:#B0FFCE  
}
```

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 #B0FFCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FFCE
}
```

## Border

The CSS property to change the border of an element to Hex B0FFCE 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
#B0FFCE }
```

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

```
.border{ border-color:#B0FFCE }
```

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

Here you see how a box with a 4 pixel #B0FFCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FFCE; -webkit-box-shadow:4px 4px  
4px 4px #B0FFCE; box-shadow:4px 4px 4px  
4px #B0FFCE }
```

# Background

The CSS property to change the background color of an element to Hex B0FFCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FFCE }
```

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

```
.background{ background-color:#B0FFCE }
```

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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