

Converting Colors

Hex(B0FBFF)

Have a look what the booklet for
Hex(B0FBFF) contains.

Hex(B0FBFF)	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(B0FBFF)

Conversions

Conversions Part 1

Format	Color
Hex	B0FBFF
RGB	176, 251, 255
RGB Percent	69%, 98%, 100%
CMY	0.3098, 0.0157, 0.0000
CMYK	0.31, 0.02, 0.00, 0.00
HSL	183°, 100%, 85%
HSV	183°, 31%, 100%
XYZ	70.4517, 85.4445, 107.3870
YIQ	229.0310, -45.9840, -14.6560

Conversions

Conversions Part 2

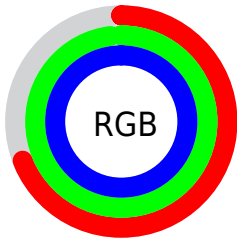
Format	Color
RYB	176, 214, 255
Decimal	11598847
CIELab	94.07, -21.96, -9.30
CIELCh	94, 23.843, 202.949
Yxy	85.4445, 0.2676, 0.3245
Android (android.graphics.Color)	4289788927 (0xFFB0FBFF)
YUV	229.0310, 12.8027, -46.5082
Hunter-Lab	92.4362, -25.7167, -4.1744

Details

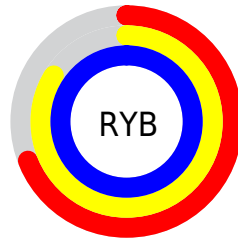
The Hex color **B0FBFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB4B0**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **EAFFFF**, and **78C2C6** is the 20% darker color. If you saturate the color by 10%, you get **96FAFF**, and if you desaturate by 10%, it is **CAFCAF**.

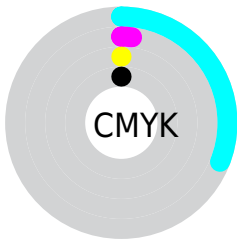
Distribution



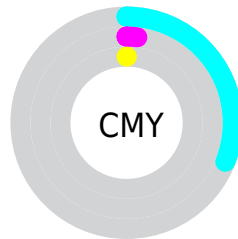
- Red (69%)
- Green (98%)
- Blue (100%)



- Red (69%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FBFF 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 B0FBFF by changing the saturation by 10% instead.

 B0FBFF

FFFFFF

 EAFFFF

 B0FBFF

 94DEE2

 78C2C6

 5DA7AB

 418C91

 237377

 005A5E

 004247

 002C30

 00181B

 B0FBFF

 B0FBFF

 96FAFF

 CAFCFF

 7DF8FF

 E3FEFF

 63F7FF

 FDFFFF

 4AF6FF

 FFFFFFF

 31F5FF

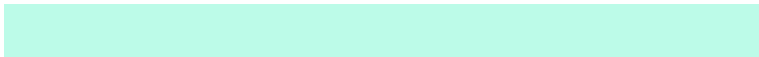
 17F3FF

 00F2FF

Harmonies

Analogous

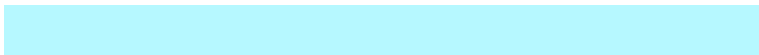
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCFBE8



B0FBFF



B6F8FF

Triad

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



B0FBFF



FFE3FF



FFEBC1

Complementary

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



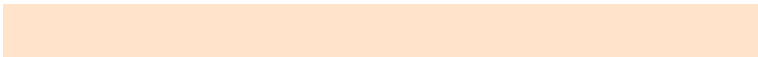
B0FBFF



FFB4B0

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.



FFE3CA



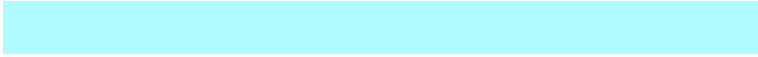
B0FBFF



FFDEF4

Square

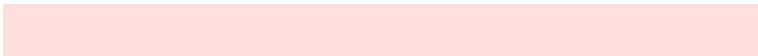
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



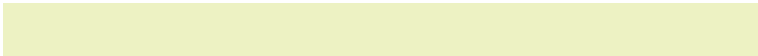
B0FBFF



EBEAFF



FFDFDD



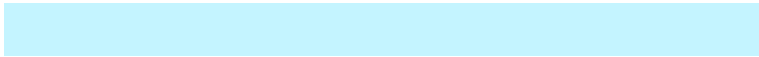
EDF2C3

Rectangle

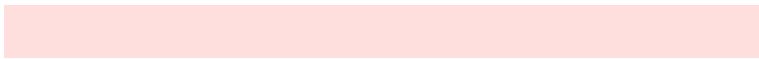
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0FBFF



C4F4FF



FFDFDD



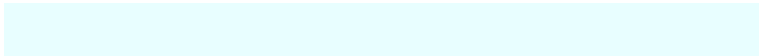
FFE8C3

Sweetspot

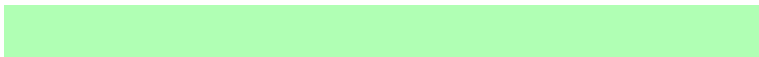
The Sweet Spot groups the original color and five complimentary colors.



B0FBFF



E8FEFF



B0FFB4



717F80



000000



808080

Same Dimension

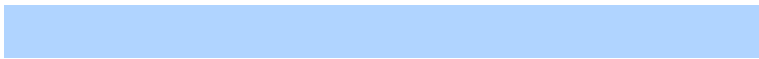
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FBFF



A1FAFF



B0D4FF



737F80



00B6BF



003D40

Inverse Universe

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



FFB0FB



FFA1FA



FFDBB0



80737F



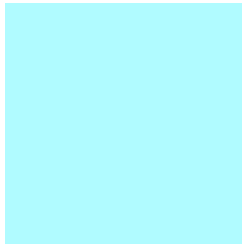
BF00B6



40003D

Previews

White Background



This preview shows how the Hex color B0FBFF looks on a white background.

Color Contrast Check

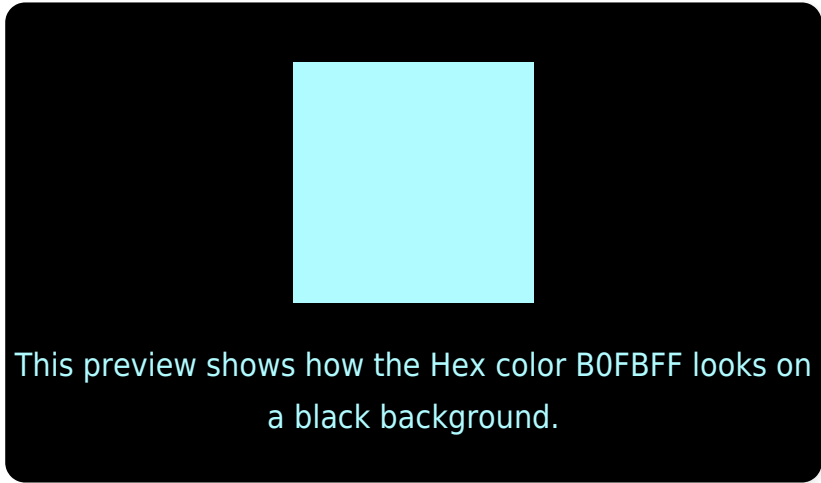
Large Text (above 18pt) WCAG AA × Fail

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 B0FBFF Background



This preview shows how black text looks on a background with the Hex color B0FBFF.



This preview shows how white text looks on a background with the Hex color B0FBFF.

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



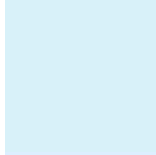


Tritanopia
D0F4FF

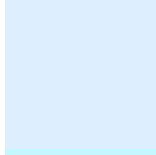
Trichromacy



Original Color
B0FBFF



Protanomaly
D8F1F9

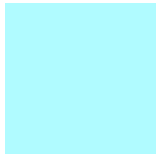


Deuteranomaly
DDEFFF

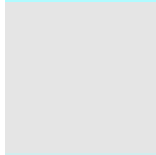


Tritanomaly
C4F7FF

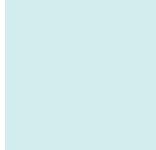
Monochromacy



Original Color
B0FBFF



Achromatopsia
E5E5E5



Achromatomaly
D2EDEE

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FBFF 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 #B0FBFF looks like.

```
.text, #text, p{  
    color:#B0FBFF  
}
```

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 #B0FBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FBFF
}
```

Border

The CSS property to change the border of an element to Hex B0FBFF 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
#B0FBFF }
```

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

```
.border{ border-color:#B0FBFF }
```

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

Here you see how a box with a 4 pixel #B0FBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FBFF; -webkit-box-shadow:4px 4px  
4px 4px #B0FBFF; box-shadow:4px 4px 4px  
4px #B0FBFF }
```

Background

The CSS property to change the background color of an element to Hex B0FBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FBFF }
```

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

```
.background{ background-color:#B0FBFF }
```

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