

Converting Colors

Hex(B0F6FF)

Have a look what the booklet for
Hex(B0F6FF) contains.

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Color

Hex(B0F6FF)

Conversions

Conversions Part 1

Format	Color
Hex	B0F6FF
RGB	176, 246, 255
RGB Percent	69%, 96%, 100%
CMY	0.3098, 0.0353, 0.0000
CMYK	0.31, 0.04, 0.00, 0.00
HSL	187°, 100%, 85%
HSV	187°, 31%, 100%
XYZ	68.9103, 82.3616, 106.8732
YIQ	226.0960, -44.6090, -12.0410

Conversions

Conversions Part 2

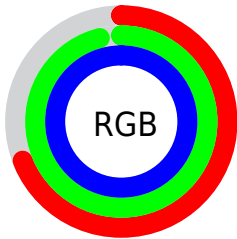
Format	Color
RYB	176, 213, 255
Decimal	11597567
CIELab	92.73, -19.50, -11.29
CIELCh	93, 22.535, 210.062
Yxy	82.3616, 0.2669, 0.3191
Android (android.graphics.Color)	4289787647 (0xFFB0F6FF)
YUV	226.0960, 14.2497, -43.9342
Hunter-Lab	90.7533, -23.2807, -6.2939

Details

The Hex color **B0F6FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB9B0**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **EAFFFF**, and **78BEC6** is the 20% darker color. If you saturate the color by 10%, you get **96F3FF**, and if you desaturate by 10%, it is **CAF9FF**.

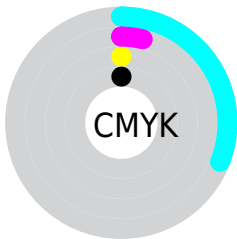
Distribution



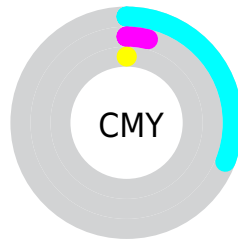
- Red (69%)
- Green (96%)
- Blue (100%)



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



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F6FF 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 B0F6FF by changing the saturation by 10% instead.

 B0F6FF

 B0F6FF

FFFFFF

 94D9E2

 EAFFFF

 78BEC6

 5DA2AB

 428891

 246F77

 00565E

 003E47

 002830

 00121C

 B0F6FF

 B0F6FF

 96F3FF

 CAF9FF

 7DF0FF

 E3FCFF

 63EDFF

 FDFFFF

 4AEAFF

 FFFFFFF

 31E7FF

 17E5FF

 00E2FF

Harmonies

Analogous

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



B7F7E9



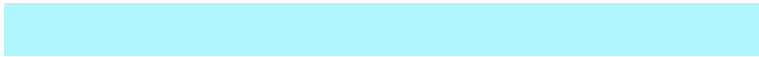
B0F6FF



BAF2FF

Triad

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



B0F6FF



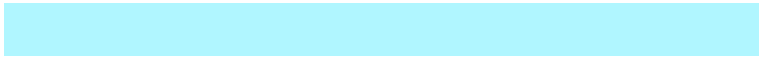
FFDEFF



FBE9BF

Complementary

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



B0F6FF



FFB9B0

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.



FFE2C5



B0F6FF



FFDBEB

Square

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



B0F6FF



EEE5FF



FFDCD5



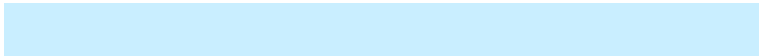
E3EFC4

Rectangle

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



B0F6FF



C9EEFF



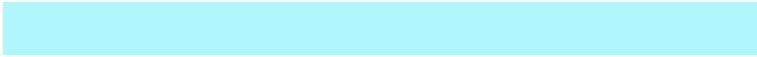
FFDCD5



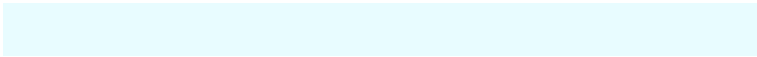
FFE6C0

Sweetspot

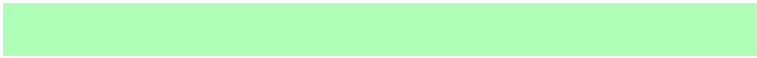
The Sweet Spot groups the original color and five complimentary colors.



B0F6FF



E8FCFF



B0FFB8



717E80



000000



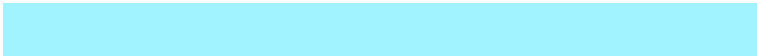
808080

Same Dimension

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



B0F6FF



A1F4FF



B0D0FF



737E80



00A9BF



003840

Inverse Universe

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



FFB0F6



FFA1F4



FFDFB0



80737E



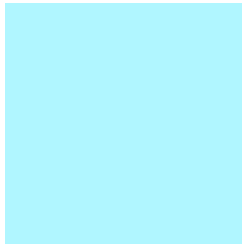
BF00A9



400038

Previews

White Background



This preview shows how the Hex color B0F6FF looks on a white background.

Color Contrast Check

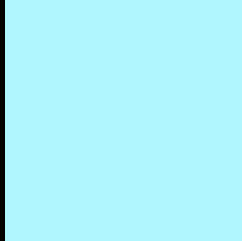
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B0F6FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

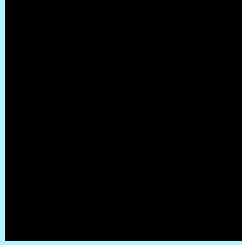
Any Text WCAG AA ✓ Pass

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 B0F6FF Background



This preview shows how black text looks on a background with the Hex color B0F6FF.

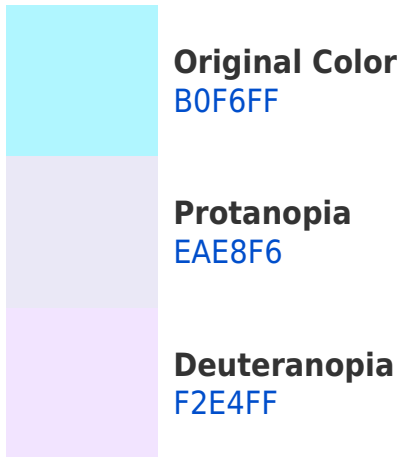


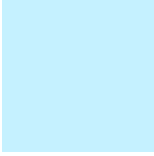
This preview shows how white text looks on a background with the Hex color B0F6FF.

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](#).

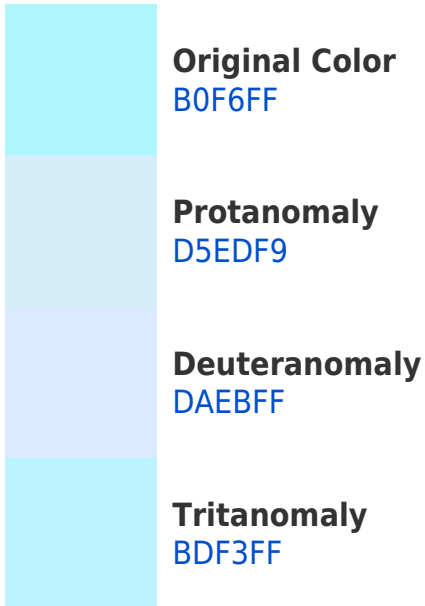
Dichromacy



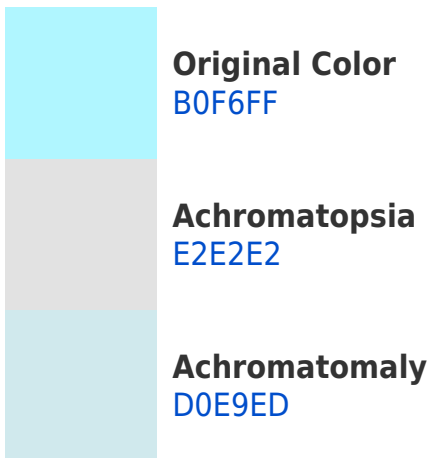


Tritanopia
C5F1FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0F6FF 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 #B0F6FF looks like.

```
.text, #text, p{  
    color:#B0F6FF  
}
```

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 #B0F6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F6FF
}
```

Border

The CSS property to change the border of an element to Hex B0F6FF 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
#B0F6FF }
```

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

```
.border{ border-color:#B0F6FF }
```

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

Here you see how a box with a 4 pixel #B0F6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F6FF; -webkit-box-shadow:4px 4px  
4px 4px #B0F6FF; box-shadow:4px 4px 4px  
4px #B0F6FF }
```

Background

The CSS property to change the background color of an element to Hex B0F6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F6FF }
```

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

```
.background{ background-color:#B0F6FF }
```

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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