

# Converting Colors

Hex(B3FDFF)

Have a look what the booklet for  
Hex(B3FDFF) contains.

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# **Color**

**Hex(B3FDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3FDFF
RGB	179, 253, 255
RGB Percent	70%, 99%, 100%
CMY	0.2980, 0.0078, 0.0000
CMYK	0.30, 0.01, 0.00, 0.00
HSL	182°, 100%, 85%
HSV	182°, 30%, 100%
XYZ	71.7657, 87.0543, 107.6284
YIQ	231.1020, -44.7460, -15.0660

# Conversions

## Conversions Part 2

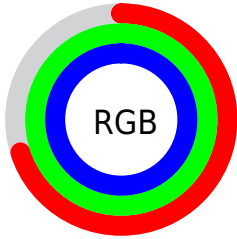
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 216, 255
Decimal	11795967
CIELab	94.76, -22.12, -8.26
CIELCh	95, 23.613, 200.478
Yxy	87.0543, 0.2693, 0.3267
Android (android.graphics.Color)	4289986047 (0xFFB3FDFF)
YUV	231.1020, 11.7817, -45.6935
Hunter-Lab	93.3029, -25.9834, -3.0813

# Details

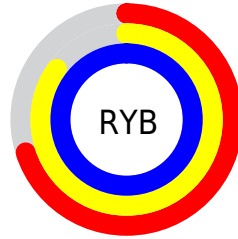
The Hex color **B3FDFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB5B3**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **EDFFFF**, and **7BC4C6** is the 20% darker color. If you saturate the color by 10%, you get **99FCFF**, and if you desaturate by 10%, it is **CCFEFF**.

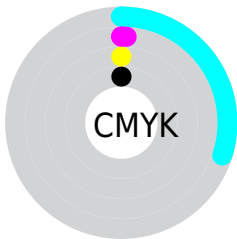
# Distribution



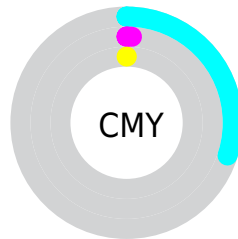
- Red (70%)
- Green (99%)
- Blue (100%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3FDFF 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 B3FDFF by changing the saturation by 10% instead.



 B3FDFF

 B3FDFF

FFFFFF

 97E0E2

 EDFFFF

 7BC4C6

 60A9AB

 458E91

 287477

 005C5E


 004447

 002D30

 001A1B

 B3FDFF

 B3FDFF

 99FCFF

 CCFEFF

 80FCFF

 E6FEFF

 66FBFF

FFFFFF

 4DFAFF

 33FAFF

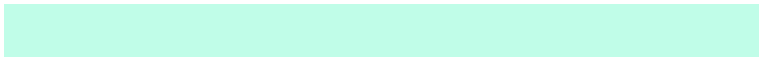
 1AF9FF

 00F8FF

# Harmonies

## Analogous

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



C0FDE8



B3FDFF



B8FAFF

# Triad

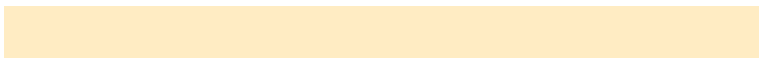
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B3FDFD



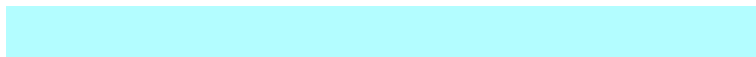
FFE5FF



FFECC3

# Complementary

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



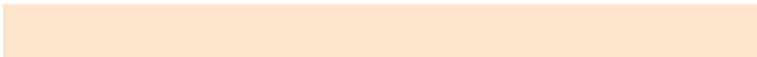
B3FDFF



FFB5B3

# 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.



FFE5CE



B3DFF



FFE1F8

# Square

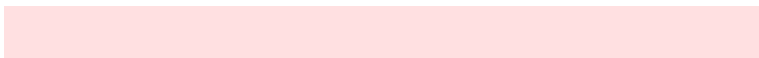
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B3FDFD



EBEDFF



FFE0E1



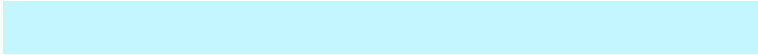
F1F3C5

# Rectangle

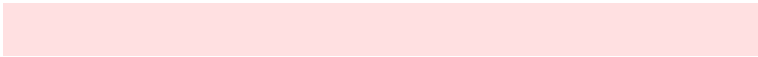
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3FDFD



C4F6FF



FFE0E1



FFE9C6



# Sweetspot

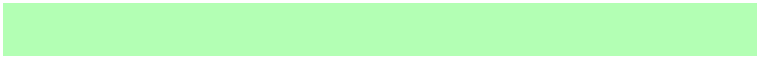
The Sweet Spot groups the original color and five complimentary colors.



B3FDFD



E8FEFF



B3FFB4



717F80



000000



808080



# Same Dimension

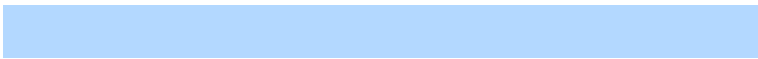
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B3FDFF



A3FDFF



B3D8FF



737F80



00BABF



003E40



# Inverse Universe

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



FFB3FD



FFA3FD



FFDAB3



80737F



BF00BA

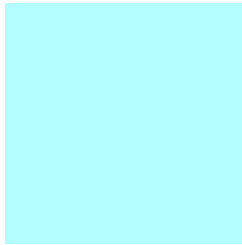


40003E



# Previews

## White Background



This preview shows how the Hex color B3FDFF looks on a white background.

## Color Contrast Check

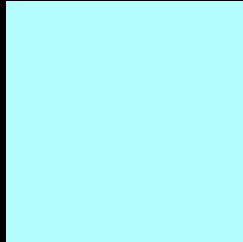
Large Text (above 18pt) WCAG AA × Fail

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 B3FDFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

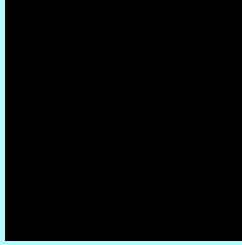
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3FDFF Background



This preview shows how black text looks on a background with the Hex color B3FDFF.

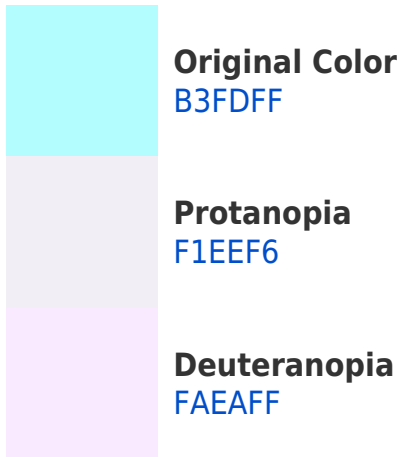


This preview shows how white text looks on a background with the Hex color B3FDFF.

# 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



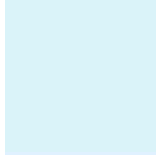


**Tritanopia**  
D6F5FF

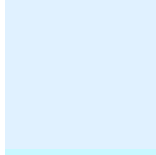
# Trichromacy



**Original Color**  
B3FDFF



**Protanomaly**  
DAF3F9



**Deuteranomaly**  
E0F1FF

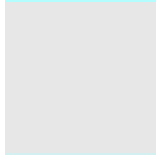


**Tritanomaly**  
C9F8FF

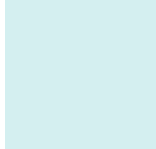
# Monochromacy



**Original Color**  
B3FDFF



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
D4EFF0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3FDFF 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 #B3FDFF looks like.

```
.text, #text, p{  
    color:#B3FDFF  
}
```

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 #B3FDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FDFF
}
```

## Border

The CSS property to change the border of an element to Hex B3FDFF 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
#B3FDFF }
```

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

```
.border{ border-color:#B3FDFF }
```

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

Here you see how a box with a 4 pixel #B3FDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FDFF; -webkit-box-shadow:4px 4px  
4px 4px #B3FDFF; box-shadow:4px 4px 4px  
4px #B3FDFF }
```

# Background

The CSS property to change the background color of an element to Hex B3FDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FDFF }
```

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

```
.background{ background-color:#B3FDFF }
```

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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