

# Converting Colors

Hex(B9FBFF)

Have a look what the booklet for  
Hex(B9FBFF) contains.

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# **Color**

**Hex(B9FBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9FBFF
RGB	185, 251, 255
RGB Percent	73%, 98%, 100%
CMY	0.2745, 0.0157, 0.0000
CMYK	0.27, 0.02, 0.00, 0.00
HSL	183°, 100%, 86%
HSV	183°, 27%, 100%
XYZ	72.5548, 86.5286, 107.4854
YIQ	231.7220, -40.6200, -12.7480

# Conversions

## Conversions Part 2

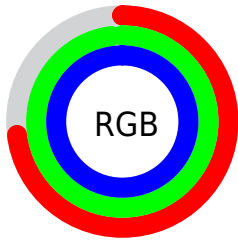
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 219, 255
Decimal	12188671
CIELab	94.54, -19.50, -8.56
CIELCh	95, 21.291, 203.700
Yxy	86.5286, 0.2722, 0.3246
Android (android.graphics.Color)	4290378751 (0xFFB9FBFF)
YUV	231.7220, 11.4761, -40.9752
Hunter-Lab	93.0208, -23.5591, -3.3950

# Details

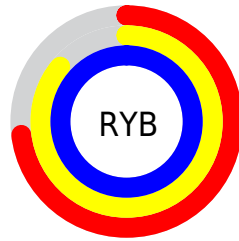
The Hex color **B9FBFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFBDB9**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **F3FFFF**, and **82C2C6** is the 20% darker color. If you saturate the color by 10%, you get **A0FAFF**, and if you desaturate by 10%, it is **D3FCFF**.

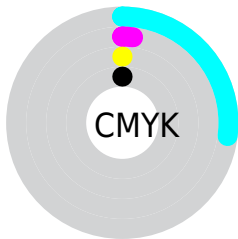
# Distribution



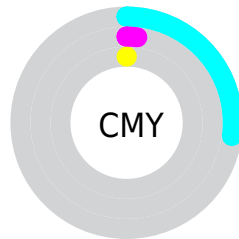
- Red (73%)
- Green (98%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9FBFF 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 B9FBFF by changing the saturation by 10% instead.



 B9FBFF

FFFFFF

 F3FFFF


 B9FBFF


 9DDEE2

 82C2C6

 67A7AB

 4C8D91

 317377

 115A5E

 004247

 002C30

 00191B

 B9FBFF

 B9FBFF

 A0FAFF

 D3FCFF

 86F8FF

 ECFEFF

 6CF7FF

FFFFFF

 53F5FF

 39F4FF

 20F2FF

 07F1FF

 00F0FF

# Harmonies

## Analogous

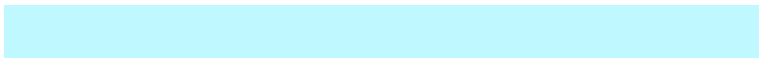
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3FBEA



B9FBFF



BFF8FF

# Triad

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



B9FBFF



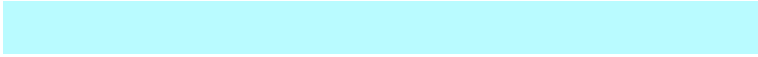
FFE5FF



FFECC7

# Complementary

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



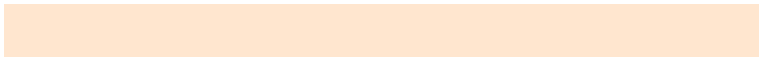
**B9FBFF**



**FFDBB9**

# 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.



FFE6CF



B9FBFF



FFE1F4

# Square

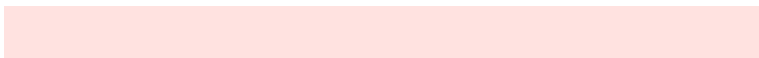
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B9FBFF



EEECFF



FFE2E0



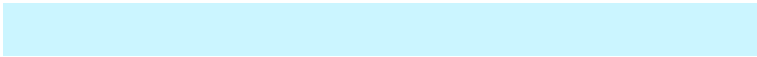
EEF3C9

# Rectangle

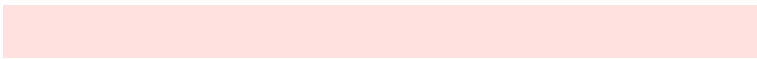
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9FBFF



CBF5FF



FFE2E0



FFEAC8

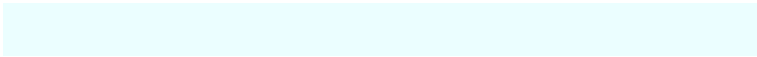


# Sweetspot

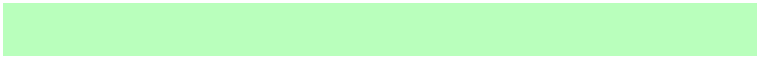
The Sweet Spot groups the original color and five complimentary colors.



B9FBFF



EBFEFF



B9FFBC



737F80



000000



808080



# Same Dimension

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



B9FBFF



ABFAFF



B9D9FF



737F80



00B4BF



003C40



# Inverse Universe

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



FFB9FB



FFABFA



FFE0B9



80737F



BF00B4

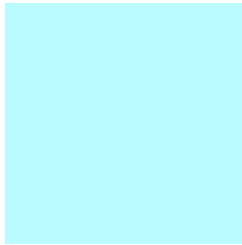


40003C



# Previews

## White Background



This preview shows how the Hex color B9FBFF looks on a white background.

## Color Contrast Check

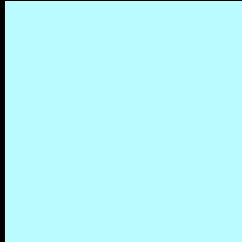
Large Text (above 18pt) WCAG AA × Fail

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 B9FBFF 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 B9FBFF Background



This preview shows how black text looks on a background with the Hex color B9FBFF.

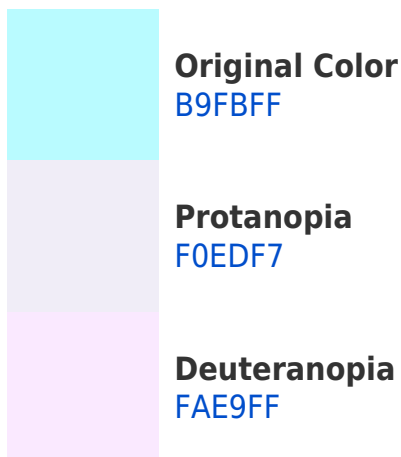


This preview shows how white text looks on a background with the Hex color B9FBFF.

# 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](#).

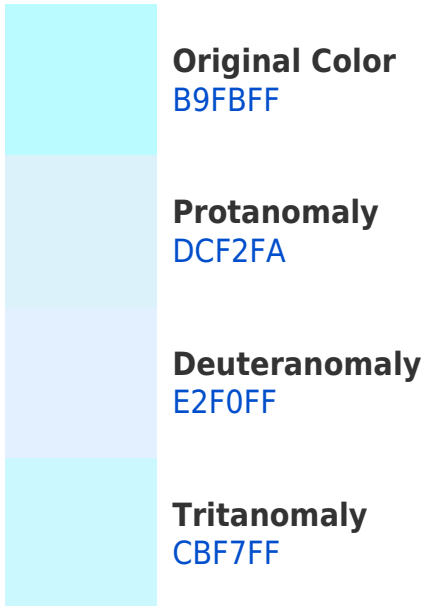
## Dichromacy



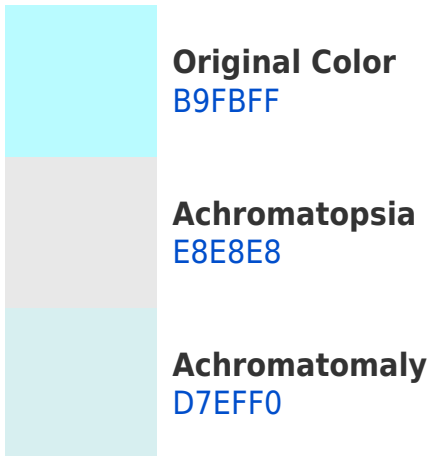


**Tritanopia**  
D6F4FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9FBFF 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 #B9FBFF looks like.

```
.text, #text, p{  
    color:#B9FBFF  
}
```

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 #B9FBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FBFF }  
}
```

## Border

The CSS property to change the border of an element to Hex B9FBFF 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 #B9FBFF }  
}
```

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

```
.border{ border-color:#B9FBFF }
```

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

Here you see how a box with a 4 pixel #B9FBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FBFF; -webkit-box-shadow:4px 4px  
4px 4px #B9FBFF; box-shadow:4px 4px 4px  
4px #B9FBFF }
```

# Background

The CSS property to change the background color of an element to Hex B9FBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FBFF }
```

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

```
.background{ background-color:#B9FBFF }
```

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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