

Converting Colors

Hex(B3F9FF)

Have a look what the booklet for
Hex(B3F9FF) contains.

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Color

Hex(B3F9FF)

Conversions

Conversions Part 1

Format	Color
Hex	B3F9FF
RGB	179, 249, 255
RGB Percent	70%, 98%, 100%
CMY	0.2980, 0.0235, 0.0000
CMYK	0.30, 0.02, 0.00, 0.00
HSL	185°, 100%, 85%
HSV	185°, 30%, 100%
XYZ	70.5161, 84.5551, 107.2119
YIQ	228.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

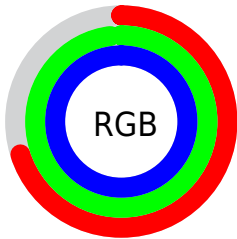
Format	Color
R _Y B	179, 215, 255
Decimal	11794943
CIE Lab	93.69, -20.17, -9.85
CIE LCh	94, 22.443, 206.031
Yxy	84.5551, 0.2689, 0.3224
Android (android.graphics.Color)	4289985023 (0xFFB3F9FF)
YUV	228.7540, 12.9393, -43.6343
Hunter-Lab	91.9538, -24.0340, -4.7604

Details

The Hex color **B3F9FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB9B3**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **EDFFFF**, and **7BC0C6** is the 20% darker color. If you saturate the color by 10%, you get **99F7FF**, and if you desaturate by 10%, it is **CCFBFF**.

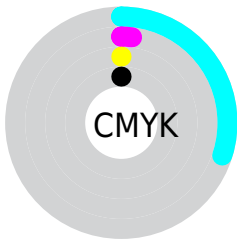
Distribution



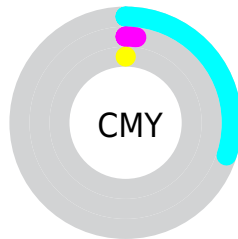
- Red (70%)
- Green (98%)
- Blue (100%)



- Red (70%)
- Yellow (84%)
- Blue (100%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3F9FF 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 B3F9FF by changing the saturation by 10% instead.

 B3F9FF

 B3F9FF

FFFFFF

 97DCE2

 EDFFFF

 7BC0C6

 60A5AB

 458B91

 297177

 00585E


 004147

 002A30

 00161B

 B3F9FF

 B3F9FF

 99F7FF

 CCFBFF

 80F5FF

 E6FDFD

 66F3FF

FFFFFF

 4DF1FF

 33EFFF

 1AEDFF

 00EBFF

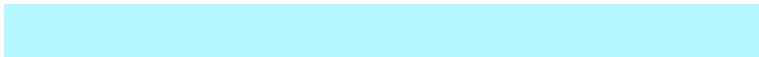
Harmonies

Analogous

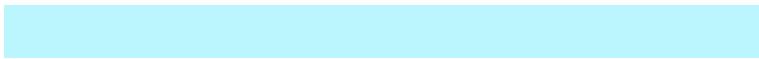
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCF9E9



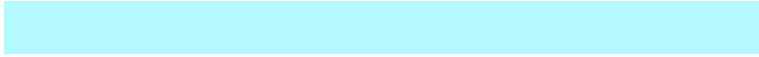
B3F9FF



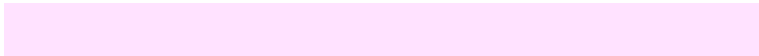
BBF6FF

Triad

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



B3F9FF



FFE2FF



FFEAC2

Complementary

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



B3F9FF



FFB9B3

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



B3F9FF



FFDEF1

Square

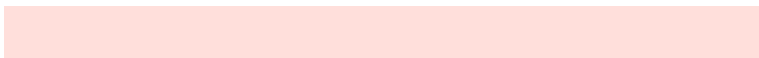
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B3F9FF



EDE8FF



FFDFDB



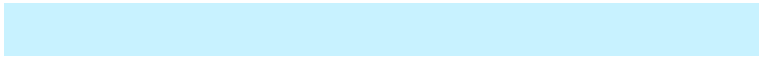
E9F1C6

Rectangle

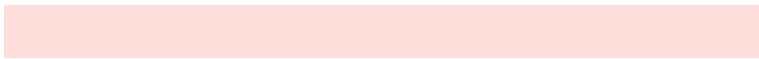
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3F9FF



C8F2FF



FFDFDB



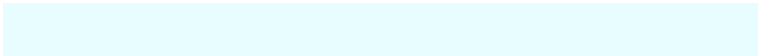
FFE8C3

Sweetspot

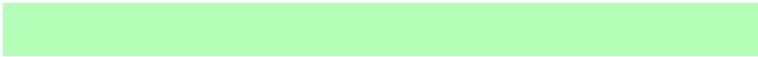
The Sweet Spot groups the original color and five complimentary colors.



B3F9FF



E8FDFF



B3FFB8



717E80



000000



808080

Same Dimension

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



B3F9FF



A3F8FF



B3D4FF



737E80



00B0BF



003B40

Inverse Universe

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



FFB3F9



FFA3F8



FFDEB3



80737E



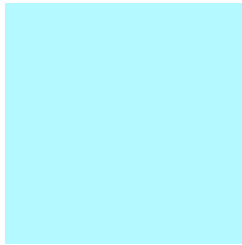
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color B3F9FF looks on a white background.

Color Contrast Check

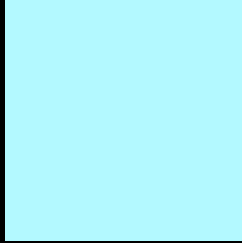
Large Text (above 18pt) WCAG AA × Fail

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 B3F9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

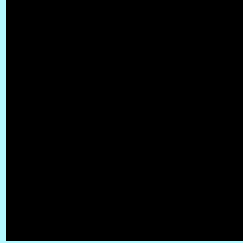
Any Text WCAG AA ✓ Pass

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 B3F9FF Background



This preview shows how black text looks on a background with the Hex color B3F9FF.

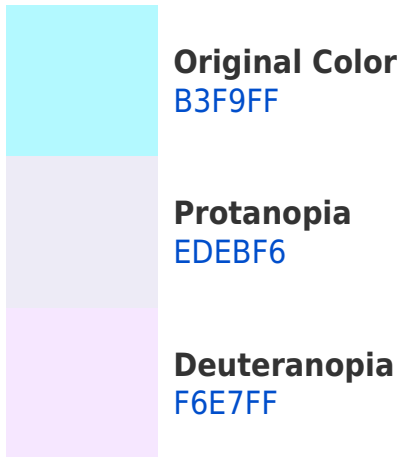


This preview shows how white text looks on a background with the Hex color B3F9FF.

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



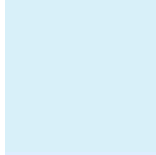


Tritanopia
CEF3FF

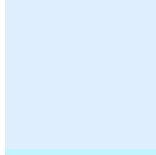
Trichromacy



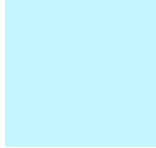
Original Color
B3F9FF



Protanomaly
D8F0F9



Deuteranomaly
DEEEFF

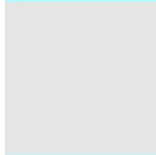


Tritanomaly
C4F5FF

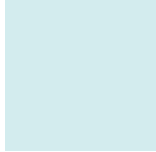
Monochromacy



Original Color
B3F9FF



Achromatopsia
E5E5E5



Achromatomaly
D3ECEE

CSS Examples

Text

The CSS property to change the color of the text to Hex B3F9FF 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 #B3F9FF looks like.

```
.text, #text, p{  
    color:#B3F9FF  
}
```

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 #B3F9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3F9FF
}
```

Border

The CSS property to change the border of an element to Hex B3F9FF 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
#B3F9FF }
```

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

```
.border{ border-color:#B3F9FF }
```

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

Here you see how a box with a 4 pixel #B3F9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3F9FF; -webkit-box-shadow:4px 4px  
4px 4px #B3F9FF; box-shadow:4px 4px 4px  
4px #B3F9FF }
```

Background

The CSS property to change the background color of an element to Hex B3F9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3F9FF }
```

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

```
.background{ background-color:#B3F9FF }
```

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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