

Converting Colors

Hex(B1FBFF)

Have a look what the booklet for
Hex(B1FBFF) contains.

Hex(B1FBFF)	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(B1FBFF)

Conversions

Conversions Part 1

Format	Color
Hex	B1FBFF
RGB	177, 251, 255
RGB Percent	69%, 98%, 100%
CMY	0.3059, 0.0157, 0.0000
CMYK	0.31, 0.02, 0.00, 0.00
HSL	183°, 100%, 85%
HSV	183°, 31%, 100%
XYZ	70.6786, 85.5615, 107.3976
YIQ	229.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

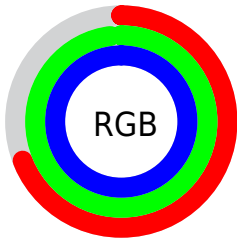
Format	Color
R _Y B	177, 215, 255
Decimal	11664383
CIE Lab	94.12, -21.69, -9.22
CIE LCh	94, 23.564, 203.025
Yxy	85.5615, 0.2681, 0.3245
Android (android.graphics.Color)	4289854463 (0xFFB1FBFF)
YUV	229.3300, 12.6553, -45.8934
Hunter-Lab	92.4994, -25.4825, -4.0898

Details

The Hex color **B1FBFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB5B1**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **EBFFFF**, and **79C2C6** is the 20% darker color. If you saturate the color by 10%, you get **97FAFF**, and if you desaturate by 10%, it is **CBFCFF**.

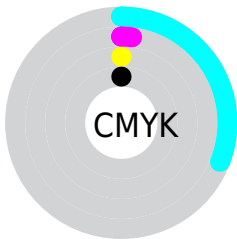
Distribution



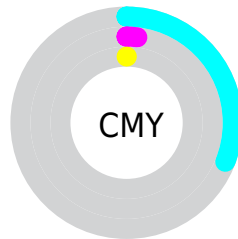
- Red (69%)
- Green (98%)
- Blue (100%)



- 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 B1FBFF 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 B1FBFF by changing the saturation by 10% instead.

 B1FBFF

FFFFFF

 EBFFFF

 B1FBFF

 95DEE2

 79C2C6

 5EA7AB

 428C91

 257377

 005A5E

 004247

 002C30

 00181B

 B1FBFF

 B1FBFF

 97FAFF

 CBFCFF

 7EF8FF

 E4FEFF

 64F7FF

FEFFFF

 4BF6FF

FFFFFF

 31F4FF

 18F3FF

 00F2FF

Harmonies

Analogous

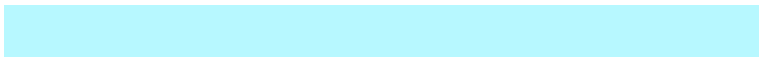
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCFBE8



B1FBFF



B7F8FF

Triad

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



B1FBFF



FFE3FF



FFEBC1

Complementary

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



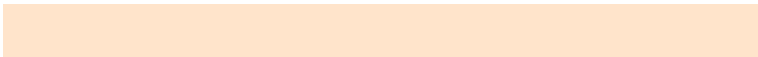
B1FBFF



FFB5B1

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.



FFE4CB



B1FBFF



FFDFF4

Square

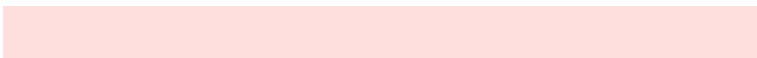
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1FBFF



EBEAFF



FFDFDD



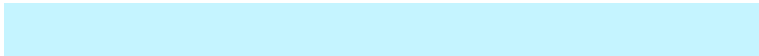
EDF2C4

Rectangle

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



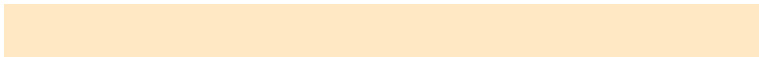
B1FBFF



C5F4FF



FFDFDD



FFE8C3

Sweetspot

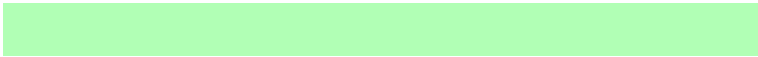
The Sweet Spot groups the original color and five complimentary colors.



B1FBFF



E8FEFF



B1FFB5



717F80



000000



808080

Same Dimension

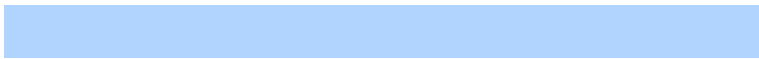
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FBFF



A1FAFF



B1D4FF



737F80



00B5BF



003C40

Inverse Universe

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



FFB1FB



FFA1FA



FFDCB1



80737F



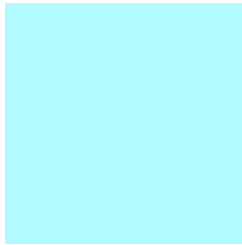
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color B1FBFF looks on a white background.

Color Contrast Check

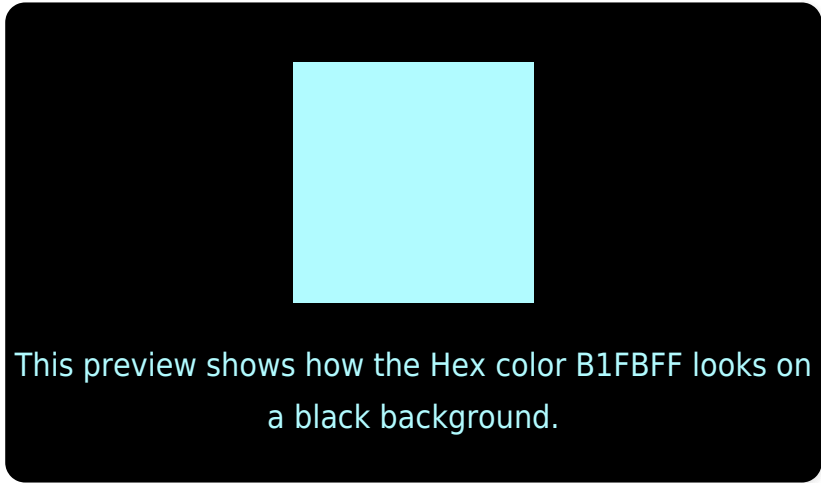
Large Text (above 18pt) WCAG AA × Fail

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

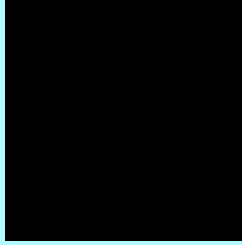
Any Text WCAG AA ✓ Pass

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 B1FBFF Background



This preview shows how black text looks on a background with the Hex color B1FBFF.

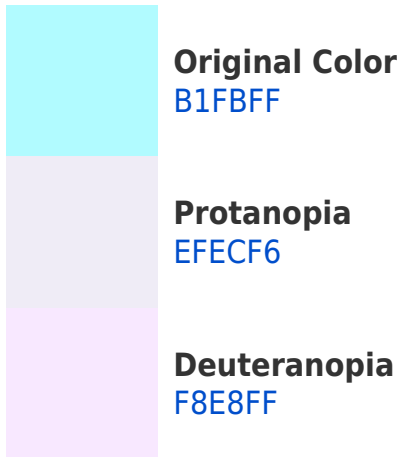


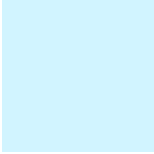
This preview shows how white text looks on a background with the Hex color B1FBFF.

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



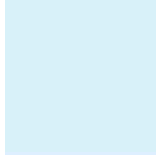


Tritanopia
D1F4FF

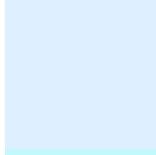
Trichromacy



Original Color
B1FBFF



Protanomaly
D8F1F9



Deuteranomaly
DEEFFF

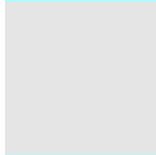


Tritanomaly
C5F7FF

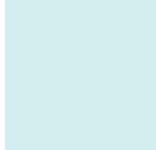
Monochromacy



Original Color
B1FBFF



Achromatopsia
E5E5E5



Achromatomaly
D2EDEE

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FBFF 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 #B1FBFF looks like.

```
.text, #text, p{  
    color:#B1FBFF  
}
```

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 #B1FBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FBFF
}
```

Border

The CSS property to change the border of an element to Hex B1FBFF 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
#B1FBFF }
```

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

```
.border{ border-color:#B1FBFF }
```

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

Here you see how a box with a 4 pixel #B1FBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FBFF; -webkit-box-shadow:4px 4px  
4px 4px #B1FBFF; box-shadow:4px 4px 4px  
4px #B1FBFF }
```

Background

The CSS property to change the background color of an element to Hex B1FBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FBFF }
```

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

```
.background{ background-color:#B1FBFF }
```

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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