

Converting Colors

Hex(B1FEFF)

Have a look what the booklet for
Hex(B1FEFF) contains.

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Color

Hex(B1FEFF)

Conversions

Conversions Part 1

Format	Color
Hex	B1FEFF
RGB	177, 254, 255
RGB Percent	69%, 100%, 100%
CMY	0.3059, 0.0039, 0.0000
CMYK	0.31, 0.00, 0.00, 0.00
HSL	181°, 100%, 85%
HSV	181°, 31%, 100%
XYZ	71.6233, 87.4507, 107.7125
YIQ	231.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

Format	Color
R_{YB}	177, 216, 255
Decimal	11665151
CIE Lab	94.93, -23.15, -8.02
CIE LCh	95, 24.497, 199.119
Yxy	87.4507, 0.2685, 0.3278
Android (android.graphics.Color)	4289855231 (0xFFB1FEFF)
YUV	231.0910, 11.7871, -47.4378
Hunter-Lab	93.5151, -26.9382, -2.8308

Details

The Hex color **B1FEFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFB2B1**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **EBFFFF**, and **79C5C6** is the 20% darker color. If you saturate the color by 10%, you get **97FEFF**, and if you desaturate by 10%, it is **CBFEFF**.

Distribution



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



- Red (69%)
- Yellow (85%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B1FEFF 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 B1FEFF by changing the saturation by 10% instead.

 B1FEFF

 B1FEFF

FFFFFF

 95E1E2

 EBFFFF

 79C5C6

 5EAAAB

 428F91

 247577

 005C5E

 004447

 002E30

 001B1B

 B1FEFF

 B1FEFF

 97FEFF

 CBFEFF

 7EFDFF

 E4FFFF

 64FDFF

FEFFFF

 4BFDFF

FFFFFF

 31FCFF

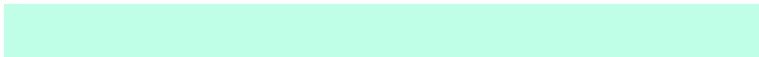
 18FCFF

 00FCFF

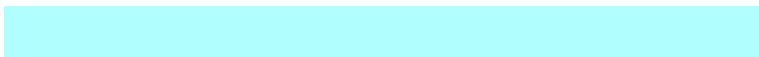
Harmonies

Analogous

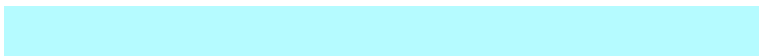
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BFFEE7



B1FEFF



B5FBFF

Triad

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



B1FEFF



FFE6FF



FFECC2

Complementary

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



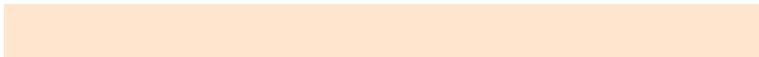
B1FEFF



FFB2B1

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



B1FEFF



FFE1FA

Square

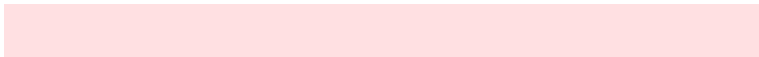
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



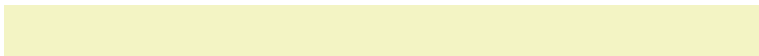
B1FEFF



E9EDFF



FFE0E2



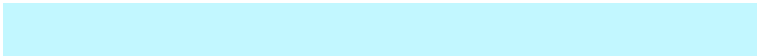
F3F4C4

Rectangle

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



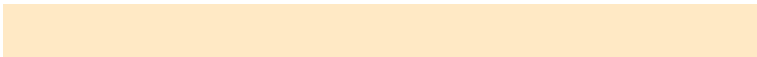
B1FEFF



C2F7FF



FFE0E2



FFE9C5

Sweetspot

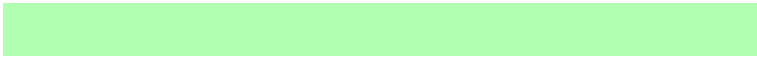
The Sweet Spot groups the original color and five complimentary colors.



B1FEFF



E8FFFF



B1FFB1



717F80



000000



808080

Same Dimension

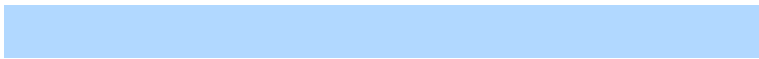
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FEFF



A1FEFF



B1D8FF



737F80



00BDBF



003F40

Inverse Universe

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



FFB1FE



FFA1FE



FFD8B1



80737F



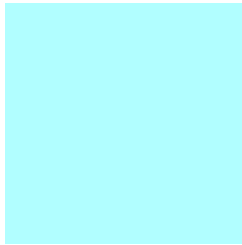
BF00BD



40003F

Previews

White Background



This preview shows how the Hex color B1FEFF looks on a white background.

Color Contrast Check

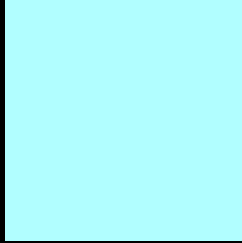
Large Text (above 18pt) WCAG AA × Fail

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 B1FEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

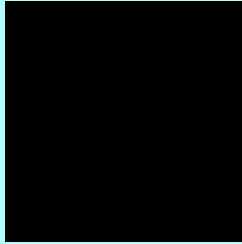
Any Text WCAG AA ✓ Pass

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 B1FEFF Background



This preview shows how black text looks on a background with the Hex color B1FEFF.



This preview shows how white text looks on a background with the Hex color B1FEFF.

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



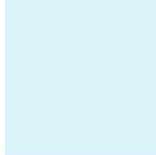


Tritanopia
D7F5FF

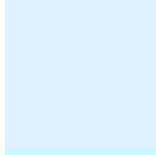
Trichromacy



Original Color
B1FEFF



Protanomaly
DAF4F9



Deuteranomaly
DFF1FF

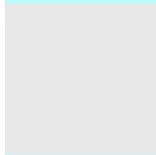


Tritanomaly
C9F8FF

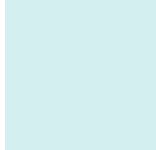
Monochromacy



Original Color
B1FEFF



Achromatopsia
E7E7E7



Achromatomaly
D3EFF0

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FEFF 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 #B1FEFF looks like.

```
.text, #text, p{  
    color:#B1FEFF  
}
```

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 #B1FEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FEFF
}
```

Border

The CSS property to change the border of an element to Hex B1FEFF 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
#B1FEFF }
```

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

```
.border{ border-color:#B1FEFF }
```

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

Here you see how a box with a 4 pixel #B1FEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FEFF; -webkit-box-shadow:4px 4px  
4px 4px #B1FEFF; box-shadow:4px 4px 4px  
4px #B1FEFF }
```

Background

The CSS property to change the background color of an element to Hex B1FEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FEFF }
```

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

```
.background{ background-color:#B1FEFF }
```

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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