

Converting Colors

Hex(B1BCFF)

Have a look what the booklet for
Hex(B1BCFF) contains.

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Color

Hex(B1BCFF)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCFF
RGB	177, 188, 255
RGB Percent	69%, 74%, 100%
CMY	0.3059, 0.2627, 0.0000
CMYK	0.31, 0.26, 0.00, 0.00
HSL	232°, 100%, 85%
HSV	232°, 31%, 100%
XYZ	54.1647, 52.5336, 101.8929
YIQ	192.3490, -28.0630, 18.5050

Conversions

Conversions Part 2

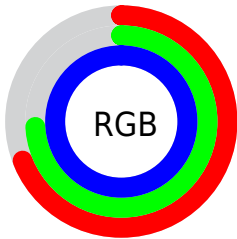
Format	Color
RYB	177, 187, 255
Decimal	11648255
CIELab	77.60, 11.09, -34.25
CIELCh	78, 36.000, 287.948
Yxy	52.5336, 0.2597, 0.2518
Android (android.graphics.Color)	4289838335 (0xFFB1BCFF)
YUV	192.3490, 30.8869, -13.4611
Hunter-Lab	72.4800, 6.5539, -32.6143

Details

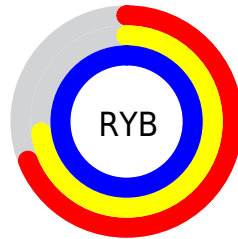
The Hex color **B1BCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF4B1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EAF4FF**, and **7A87C6** is the 20% darker color. If you saturate the color by 10%, you get **97A6FF**, and if you desaturate by 10%, it is **CBD2FF**.

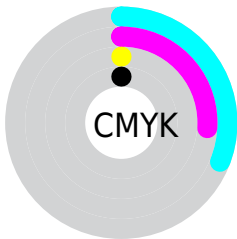
Distribution



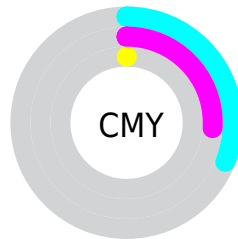
- Red (69%)
- Green (74%)
- Blue (100%)



- Red (69%)
- Yellow (73%)
- Blue (100%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BCFF 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 B1BCFF by changing the saturation by 10% instead.

 B1BCFF

 B1BCFF

FFFFFF

 95A1E2

 EAF4FF

 7A87C6

 606EAB

 455690

 2B3E76

 0A295D

 001545

 00032E

 000119

 B1BCFF

 B1BCFF

 97A6FF

 CBD2FF

 7E90FF

 E4E8FF

 647AFF

FEFEFF

 4B64FF

FFFFFF

 314EFF

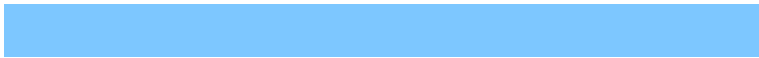
 1839FF

 0024FF

Harmonies

Analogous

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



7DC7FF



B1BCFF



DDB0ED

Triad

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



B1BCFF



FAAE90



74D1B1

Complementary

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



B1BCFF



FFF4B1

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.



9CCC92



B1BCFF



E3B97F

Square

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



B1BCFF



FFA7AD



C2C47F



52D2D3

Rectangle

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



B1BCFF



F1AADA



C2C47F



82D0A6

Sweetspot

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



B1BCFF



E8EBFF



B1FFF3



717380



000000



808080

Same Dimension

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



B1BCFF



A1AEFF



CCB1FF



737580



001BBF



000940

Inverse Universe

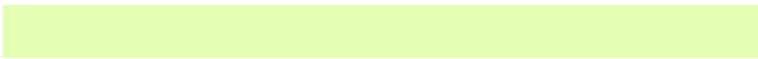
The Inverse Universe completely reimagines the original color for something new.



FFB1BC



FFA1AE



E4FFB1



807375



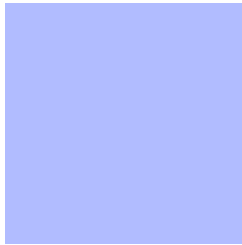
BF001B



400009

Previews

White Background



This preview shows how the Hex color B1BCFF looks on a white background.

Color Contrast Check

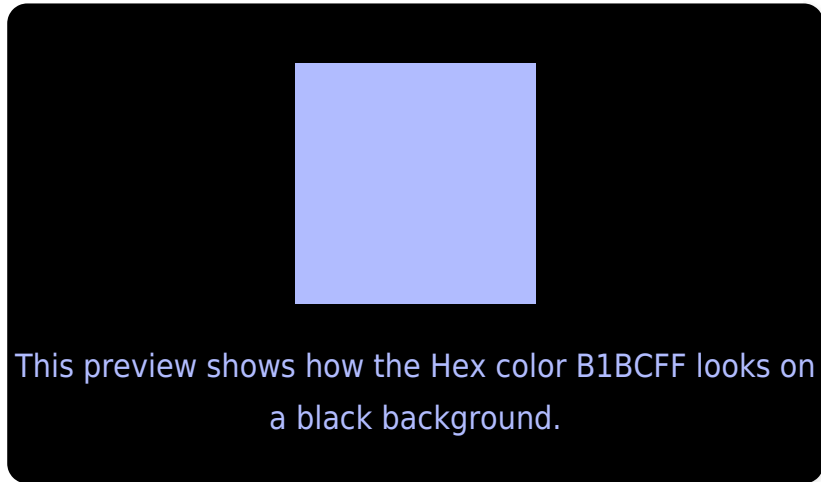
Large Text (above 18pt) WCAG AA × Fail

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

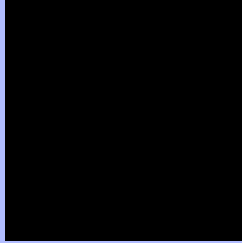
Any Text WCAG AA ✓ Pass

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 B1BCFF Background



This preview shows how black text looks on a background with the Hex color B1BCFF.



This preview shows how white text looks on a background with the Hex color B1BCFF.

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



Original Color
B1BCFF

Protanopia
ADBDFE

Deuteranopia
AFBDFE

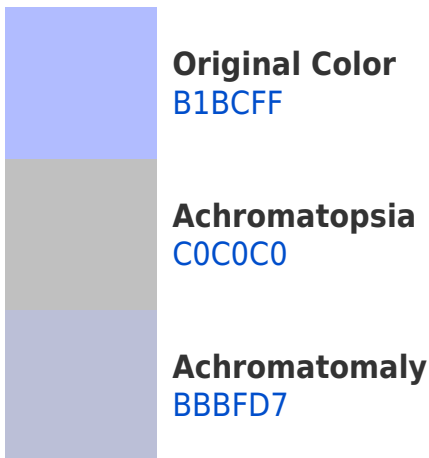


Tritanopia
A8C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BCFF 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 #B1BCFF looks like.

```
.text, #text, p{  
    color:#B1BCFF  
}
```

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 #B1BCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BCFF
}
```

Border

The CSS property to change the border of an element to Hex B1BCFF 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
#B1BCFF }
```

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

```
.border{ border-color:#B1BCFF }
```

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

Here you see how a box with a 4 pixel #B1BCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BCFF; -webkit-box-shadow:4px 4px  
4px 4px #B1BCFF; box-shadow:4px 4px 4px  
4px #B1BCFF }
```

Background

The CSS property to change the background color of an element to Hex B1BCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BCFF }
```

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

```
.background{ background-color:#B1BCFF }
```

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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