

Converting Colors

Hex(B1C9FF)

Have a look what the booklet for
Hex(B1C9FF) contains.

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Color

Hex(B1C9FF)

Conversions

Conversions Part 1

Format	Color
Hex	B1C9FF
RGB	177, 201, 255
RGB Percent	69%, 79%, 100%
CMY	0.3059, 0.2118, 0.0000
CMYK	0.31, 0.21, 0.00, 0.00
HSL	222°, 100%, 85%
HSV	222°, 31%, 100%
XYZ	57.0681, 58.3404, 102.8608
YIQ	199.9800, -31.6380, 11.7060

Conversions

Conversions Part 2

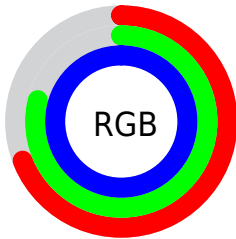
Format	Color
RYB	177, 195, 255
Decimal	11651583
CIELab	80.93, 4.02, -29.13
CIELCh	81, 29.402, 277.864
Yxy	58.3404, 0.2615, 0.2673
Android (android.graphics.Color)	4289841663 (0xFFB1C9FF)
YUV	199.9800, 27.1249, -20.1535
Hunter-Lab	76.3809, -0.3000, -26.3781

Details

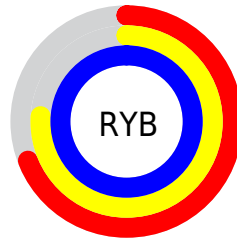
The Hex color **B1C9FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE7B1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EAEFFF**, and **7A93C6** is the 20% darker color. If you saturate the color by 10%, you get **97B7FF**, and if you desaturate by 10%, it is **CBDBFF**.

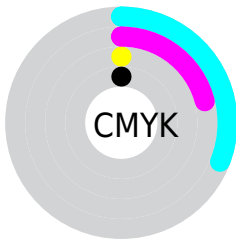
Distribution



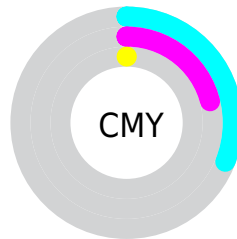
- Red (69%)
- Green (79%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C9FF 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 B1C9FF by changing the saturation by 10% instead.

 B1C9FF

 B1C9FF

FFFFFF

 95AEE2

 EAFFFF

 7A93C6


 607AAB

 466190

 2B4976

 0B335D

 001E45

 00042F

 000119

 B1C9FF

 B1C9FF

 97B7FF

 CBDBFF

 7EA6FF


 E4ECFF

 6494FF

 FEFEFF

 4B82FF

 FFFFFFFF

 3171FF

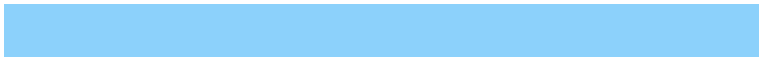
 185FFF

 004EFF

Harmonies

Analogous

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



8CD1FB



B1C9FF



D6BFF4

Triad

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



B1C9FF



FEB8A8



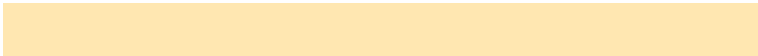
98D7B3

Complementary

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



B1C9FF



FFE7B1

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.



B7D19D



B1C9FF



EFC097

Square

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



B1C9FF



FFB5C3



D6C992



7ED8CF

Rectangle

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



B1C9FF



EABAE7



D6C992



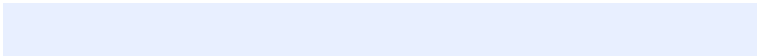
A2D5AB

Sweetspot

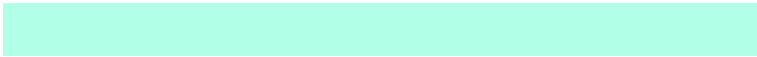
The Sweet Spot groups the original color and five complimentary colors.



B1C9FF



E8EFFF



B1FFE6



717680



000000



808080

Same Dimension

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



B1C9FF



A1BEFF



BFB1FF



737780



003BBF



001440

Inverse Universe

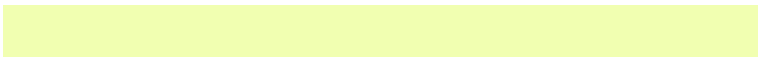
The Inverse Universe completely reimagines the original color for something new.



FFB1C9



FFA1BE



F1FFB1



807377



BF003B



400014

Previews

White Background



This preview shows how the Hex color B1C9FF looks on a white background.

Color Contrast Check

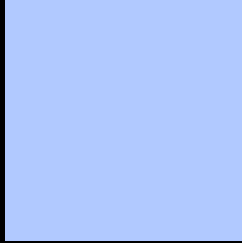
Large Text (above 18pt) WCAG AA × Fail

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 B1C9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

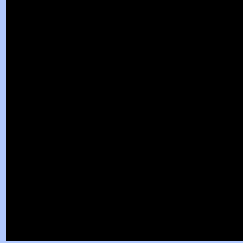
Any Text WCAG AA ✓ Pass

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 B1C9FF Background



This preview shows how black text looks on a background with the Hex color B1C9FF.



This preview shows how white text looks on a background with the Hex color B1C9FF.

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

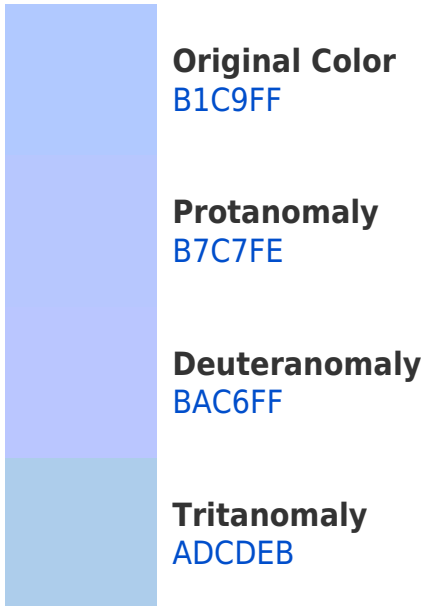


Original Color
B1C9FF

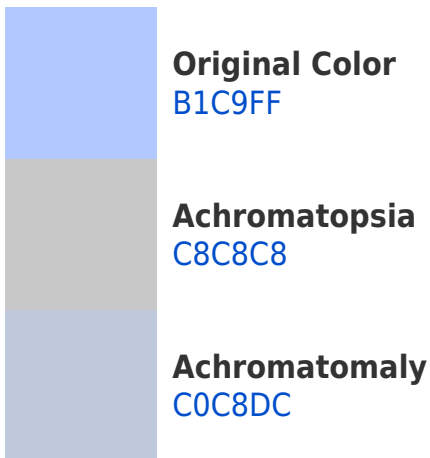
Protanopia
BBC6FD

Deuteranopia
BFC5FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C9FF 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 #B1C9FF looks like.

```
.text, #text, p{  
    color:#B1C9FF  
}
```

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 #B1C9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C9FF
}
```

Border

The CSS property to change the border of an element to Hex B1C9FF 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
#B1C9FF }
```

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

```
.border{ border-color:#B1C9FF }
```

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

Here you see how a box with a 4 pixel #B1C9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C9FF; -webkit-box-shadow:4px 4px  
4px 4px #B1C9FF; box-shadow:4px 4px 4px  
4px #B1C9FF }
```

Background

The CSS property to change the background color of an element to Hex B1C9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C9FF }
```

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

```
.background{ background-color:#B1C9FF }
```

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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