

Converting Colors

Hex(B1D2FF)

Have a look what the booklet for
Hex(B1D2FF) contains.

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Color

Hex(B1D2FF)

Conversions

Conversions Part 1

Format	Color
Hex	B1D2FF
RGB	177, 210, 255
RGB Percent	69%, 82%, 100%
CMY	0.3059, 0.1765, 0.0000
CMYK	0.31, 0.18, 0.00, 0.00
HSL	215°, 100%, 85%
HSV	215°, 31%, 100%
XYZ	59.2281, 62.6603, 103.5807
YIQ	205.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

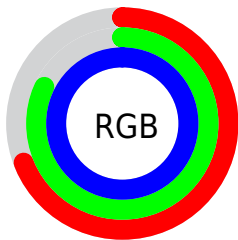
Format	Color
RYB	177, 200, 255
Decimal	11653887
CIELab	83.26, -0.79, -25.56
CIELCh	83, 25.568, 268.233
Yxy	62.6603, 0.2627, 0.2779
Android (android.graphics.Color)	4289843967 (0xFFB1D2FF)
YUV	205.2630, 24.5203, -24.7867
Hunter-Lab	79.1583, -4.9691, -22.1718

Details

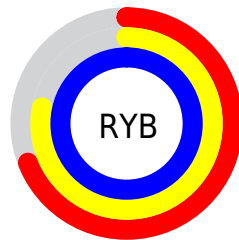
The Hex color **B1D2FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDEB1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EAEFFF**, and **7A9CC6** is the 20% darker color. If you saturate the color by 10%, you get **97C3FF**, and if you desaturate by 10%, it is **CBE1FF**.

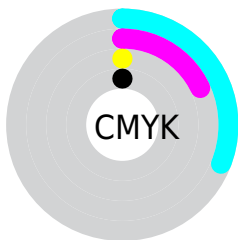
Distribution



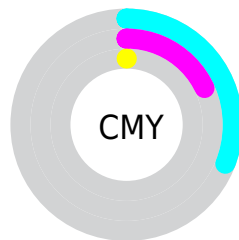
- Red (69%)
- Green (82%)
- Blue (100%)



- Red (69%)
- Yellow (78%)
- Blue (100%)



- Cyan (31%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D2FF 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 B1D2FF by changing the saturation by 10% instead.

 B1D2FF

FFFFFF

 EAFFFF

 B1D2FF

 95B6E2

 7A9CC6

 6082AB

 466990

 2B5176

 0A3A5E

 002546

 000F2F

 00011A

 B1D2FF

 B1D2FF

 97C3FF

 CBE1FF

 7EB5FF

 E4EFFF

 64A6FF

 FEFEFF

 4B97FF

 FFFFFFFF

 3188FF

 187AFF

 006CFF

Harmonies

Analogous

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



96D9F8



B1D2FF



D2CAFA

Triad

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



B1D2FF



FFC0BA



AEDAB5

Complementary

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



B1D2FF



FFDEB1

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.



C9D5A5



B1D2FF



F7C5A7

Square

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



B1D2FF



FEBED2



E3CDA0



96DDCD

Rectangle

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



B1D2FF



E5C5F0



E3CDA0



B7D9AF

Sweetspot

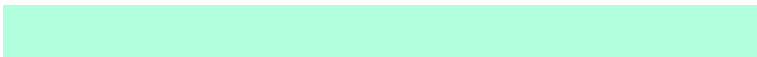
The Sweet Spot groups the original color and five complimentary colors.



B1D2FF



E8F2FF



B1FFDD



717780



000000



808080

Same Dimension

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



B1D2FF



A1C9FF



B6B1FF



737880



0051BF



001B40

Inverse Universe

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



FFB1D2



FFA1C9



FAFFB1



807378



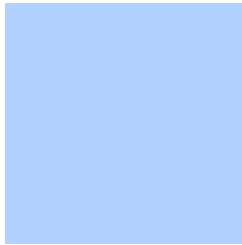
BF0051



40001B

Previews

White Background



This preview shows how the Hex color B1D2FF looks on a white background.

Color Contrast Check

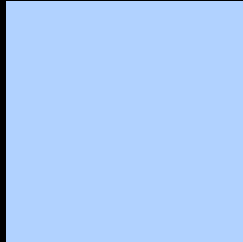
Large Text (above 18pt) WCAG AA × Fail

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 B1D2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

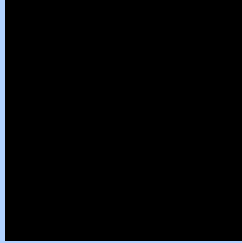
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

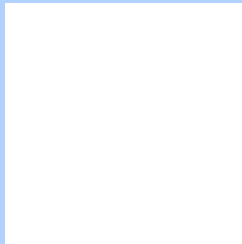
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B1D2FF Background



This preview shows how black text looks on a background with the Hex color B1D2FF.

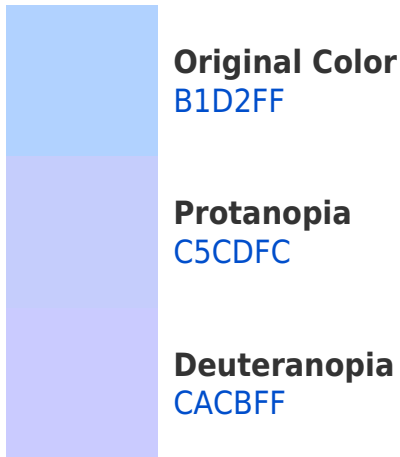


This preview shows how white text looks on a background with the Hex color B1D2FF.

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](#).

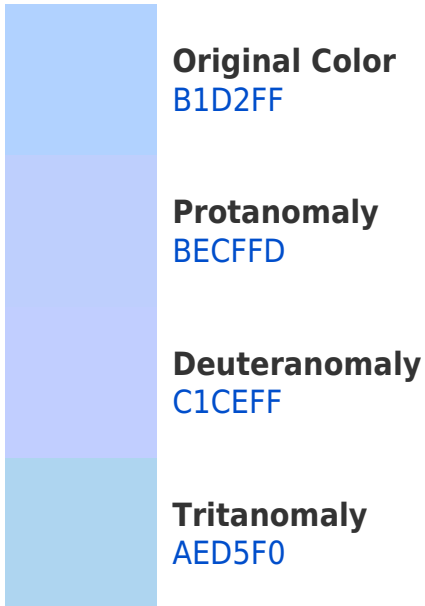
Dichromacy



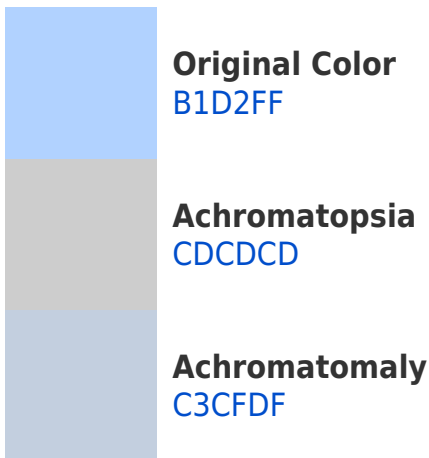


Tritanopia
ACD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D2FF 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 #B1D2FF looks like.

```
.text, #text, p{  
    color:#B1D2FF  
}
```

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 #B1D2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D2FF
}
```

Border

The CSS property to change the border of an element to Hex B1D2FF 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
#B1D2FF }
```

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

```
.border{ border-color:#B1D2FF }
```

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

Here you see how a box with a 4 pixel #B1D2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D2FF; -webkit-box-shadow:4px 4px  
4px 4px #B1D2FF; box-shadow:4px 4px 4px  
4px #B1D2FF }
```

Background

The CSS property to change the background color of an element to Hex B1D2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D2FF }
```

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

```
.background{ background-color:#B1D2FF }
```

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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