

Converting Colors

Hex(B0BDFF)

Have a look what the booklet for
Hex(B0BDFF) contains.

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Color

Hex(B0BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	B0BDFF
RGB	176, 189, 255
RGB Percent	69%, 74%, 100%
CMY	0.3098, 0.2588, 0.0000
CMYK	0.31, 0.26, 0.00, 0.00
HSL	230°, 100%, 85%
HSV	230°, 31%, 100%
XYZ	54.1521, 52.8453, 101.9538
YIQ	192.6370, -28.9340, 17.7700

Conversions

Conversions Part 2

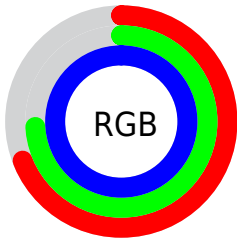
Format	Color
R _Y B	176, 187, 255
Decimal	11582975
CIE Lab	77.78, 10.26, -33.97
CIE LCh	78, 35.485, 286.814
Yxy	52.8453, 0.2592, 0.2529
Android (android.graphics.Color)	4289773055 (0xFFB0BDFF)
YUV	192.6370, 30.7450, -14.5906
Hunter-Lab	72.6948, 5.7531, -32.2674

Details

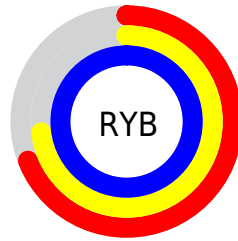
The Hex color **B0BDFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF2B0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E9F5FF**, and **7988C6** is the 20% darker color. If you saturate the color by 10%, you get **96A8FF**, and if you desaturate by 10%, it is **CAD2FF**.

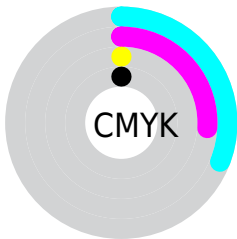
Distribution



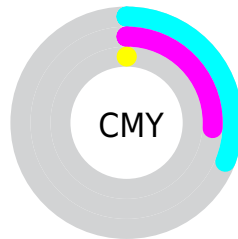
- Red (69%)
- Green (74%)
- Blue (100%)



- 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 B0BDFF 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 B0BDFF by changing the saturation by 10% instead.

 B0BDFF

 B0BDFF

FFFFFF

 94A2E2

 E9F5FF

 7988C6

 5F6FAB

 445690

 293F76

 072A5D

 001645

 00032E

 000119

 B0BDFF

 B0BDFF

 96A8FF

 CAD2FF

 7D92FF


 E3E8FF

 637DFF

 FDFDFF

 4A68FF

FFFFFF

 3152FF

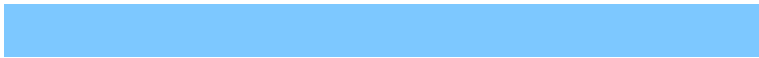
 173DFF

 002AFF

Harmonies

Analogous

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



7DC8FF



B0BDFF



DBB1EE

Triad

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



B0BDFE



FAAE92



78D1B0

Complementary

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



B0BDFE



FFF2B0

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.



9FCC92



B0BDFE



E4B980

Square

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



B0BDFE



FFA8AF



C4C481



56D2D2

Rectangle

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



B0BDFE



F0ABDB



C4C481



85D0A5

Sweetspot

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



B0BDFF



E8ECFF



B0FFF2



717480



000000



808080

Same Dimension

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



B0BDFE



A1B0FF



CAB0FF



737580



001FBF



000A40

Inverse Universe

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



FFB0BD



FFA1B0



E5FFB0



807375



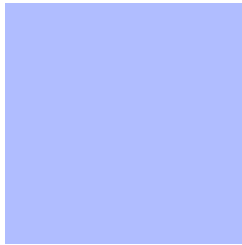
BF001F



40000A

Previews

White Background



This preview shows how the Hex color B0BDFF looks on a white background.

Color Contrast Check

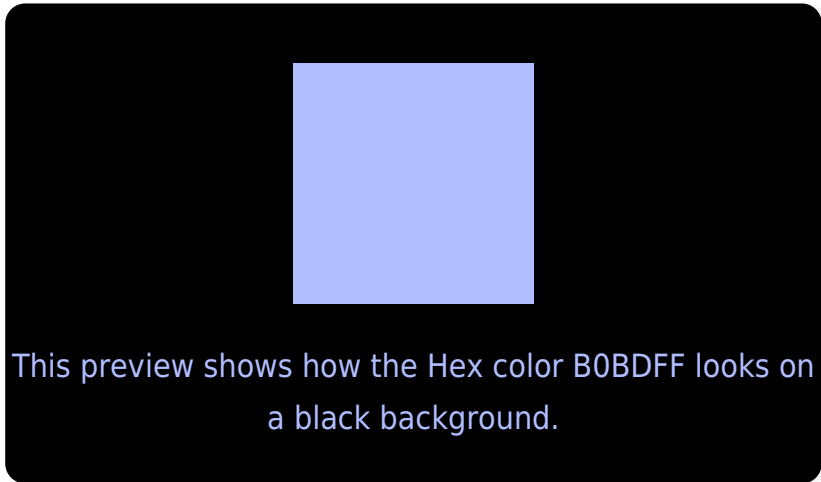
Large Text (above 18pt) WCAG AA × Fail

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

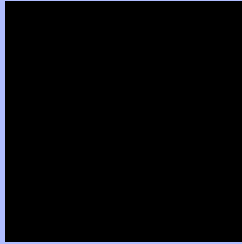
Any Text WCAG AA ✓ Pass

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 B0BDFF Background



This preview shows how black text looks on a background with the Hex color B0BDFF.



This preview shows how white text looks on a background with the Hex color B0BDFF.

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
B0BDFF

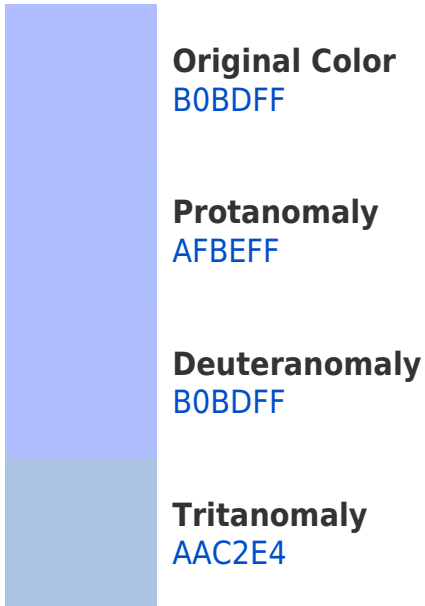
Protanopia
AEBEFF

Deuteranopia
B0BDFF

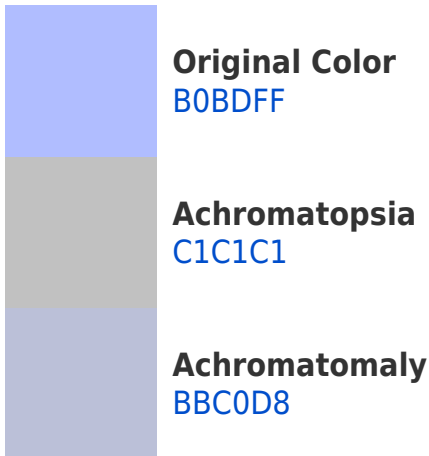


Tritanopia
A7C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0BDFF 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 #B0BDFF looks like.

```
.text, #text, p{  
  color:#B0BDFF  
}
```

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 #B0BDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BDFF
}
```

Border

The CSS property to change the border of an element to Hex B0BDFF 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
#B0BDFF }
```

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

```
.border{ border-color:#B0BDFF }
```

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

Here you see how a box with a 4 pixel #B0BDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BDFF; -webkit-box-shadow:4px 4px  
4px 4px #B0BDFF; box-shadow:4px 4px 4px  
4px #B0BDFF }
```

Background

The CSS property to change the background color of an element to Hex B0BDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BDFF }
```

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

```
.background{ background-color:#B0BDFF }
```

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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