

Converting Colors

Hex(B0D0FF)

Have a look what the booklet for
Hex(B0D0FF) contains.

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Color

Hex(B0D0FF)

Conversions

Conversions Part 1

Format	Color
Hex	B0D0FF
RGB	176, 208, 255
RGB Percent	69%, 82%, 100%
CMY	0.3098, 0.1843, 0.0000
CMYK	0.31, 0.18, 0.00, 0.00
HSL	216°, 100%, 85%
HSV	216°, 31%, 100%
XYZ	58.5104, 61.5619, 103.4065
YIQ	203.7900, -34.1590, 7.8330

Conversions

Conversions Part 2

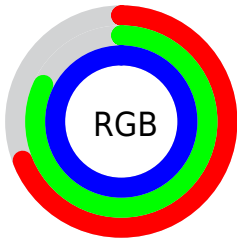
Format	Color
R _Y B	176, 199, 255
Decimal	11587839
CIE Lab	82.68, -0.01, -26.45
CIE LCh	83, 26.451, 269.988
Yxy	61.5619, 0.2618, 0.2755
Android (android.graphics.Color)	4289777919 (0xFFB0D0FF)
YUV	203.7900, 25.2465, -24.3718
Hunter-Lab	78.4614, -4.1960, -23.2171

Details

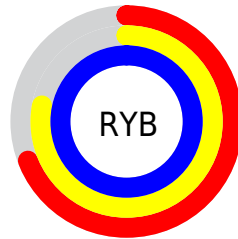
The Hex color **B0D0FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDFB0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFFF**, and **799AC6** is the 20% darker color. If you saturate the color by 10%, you get **96C1FF**, and if you desaturate by 10%, it is **CADFFF**.

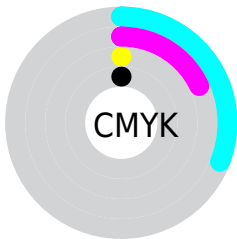
Distribution



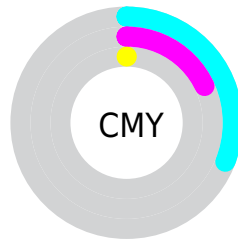
- Red (69%)
- Green (82%)
- Blue (100%)



- 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 B0D0FF 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 B0D0FF by changing the saturation by 10% instead.

 B0D0FF

 B0D0FF

FFFFFF

 94B4E2

 E9FFFF

 799AC6

 5F80AB

 446790

 2A4F76

 08385D

 002346

 000D2F

 00011A

 B0D0FF

 B0D0FF

 96C1FF

 CADFFF

 7DB2FF

 E3EEFF

 63A2FF

 FDFEFF

 4A93FF

FFFFFF

 3184FF

 1775FF

 0067FF

Harmonies

Analogous

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



93D7F8



B0D0FF



D2C7F9

Triad

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



B0D0FF



FFBEB6



A9D9B4

Complementary

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



B0D0FF



FFDFB0

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.



C6D4A2



B0D0FF



F5C4A4

Square

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



B0D0FF



FEBCCF



E0CC9C



91DCCD

Rectangle

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



B0D0FF



E6C2EE



E0CC9C



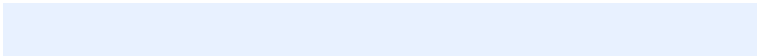
B2D8AD

Sweetspot

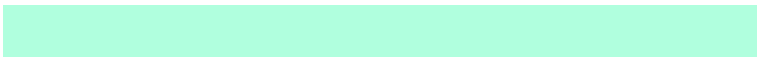
The Sweet Spot groups the original color and five complimentary colors.



B0D0FF



E8F1FF



B0FFDE



717780



000000



808080

Same Dimension

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



B0D0FF



A1C7FF



B7B0FF



737880



004DBF



001A40

Inverse Universe

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



FFB0D0



FFA1C7



F8FFB0



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color B0D0FF looks on a white background.

Color Contrast Check

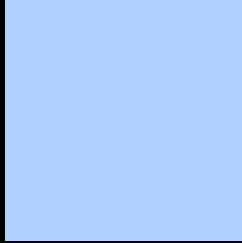
Large Text (above 18pt) WCAG AA × Fail

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 B0D0FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

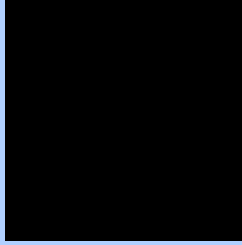
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

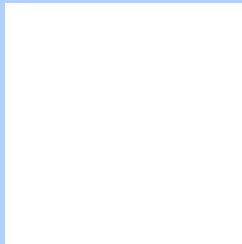
Any Text WCAG AAA ✓ Pass

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

Hex B0D0FF Background



This preview shows how black text looks on a background with the Hex color B0D0FF.

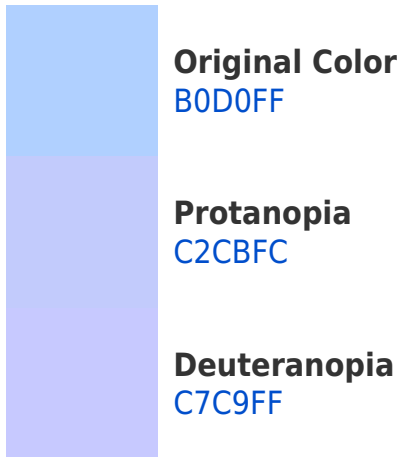


This preview shows how white text looks on a background with the Hex color B0D0FF.

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](#).

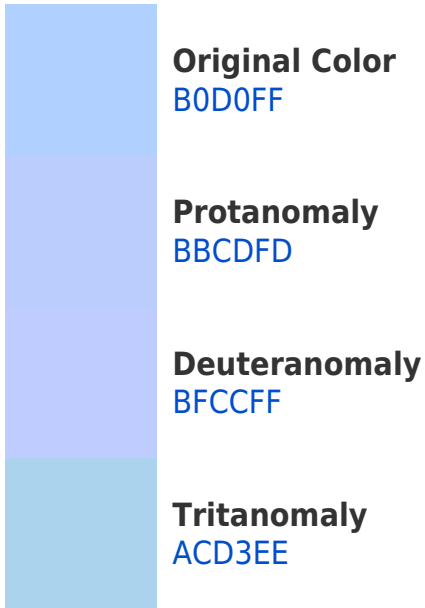
Dichromacy



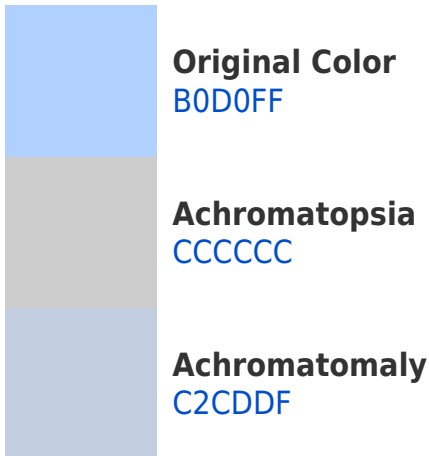


Tritanopia
AAD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D0FF 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 #B0D0FF looks like.

```
.text, #text, p{  
    color:#B0D0FF  
}
```

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 #B0D0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D0FF }  
}
```

Border

The CSS property to change the border of an element to Hex B0D0FF 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 #B0D0FF }  
}
```

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

```
.border{ border-color:#B0D0FF }
```

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

Here you see how a box with a 4 pixel #B0D0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D0FF; -webkit-box-shadow:4px 4px  
4px 4px #B0D0FF; box-shadow:4px 4px 4px  
4px #B0D0FF }
```

Background

The CSS property to change the background color of an element to Hex B0D0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D0FF }
```

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

```
.background{ background-color:#B0D0FF }
```

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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