

# Converting Colors

Hex(B0DCFF)

Have a look what the booklet for  
Hex(B0DCFF) contains.

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# **Color**

**Hex(B0DCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0DCFF
RGB	176, 220, 255
RGB Percent	69%, 86%, 100%
CMY	0.3098, 0.1373, 0.0000
CMYK	0.31, 0.14, 0.00, 0.00
HSL	207°, 100%, 85%
HSV	207°, 31%, 100%
XYZ	61.5477, 67.6365, 104.4190
YIQ	210.8340, -37.4590, 1.5570

# Conversions

## Conversions Part 2

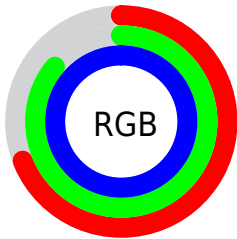
Format	Color
R <sub>Y</sub> B	176, 204, 255
Decimal	11590911
CIE Lab	85.82, -6.32, -21.67
CIE LCh	86, 22.573, 253.732
Yxy	67.6365, 0.2635, 0.2895
Android (android.graphics.Color)	4289780991 (0xFFB0DCFF)
YUV	210.8340, 21.7738, -30.5494
Hunter-Lab	82.2414, -10.3369, -17.7094

# Details

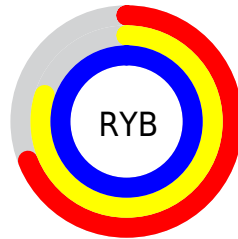
The Hex color **B0DCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD3B0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E9FFFF**, and **79A5C6** is the 20% darker color. If you saturate the color by 10%, you get **96D1FF**, and if you desaturate by 10%, it is **CAE7FF**.

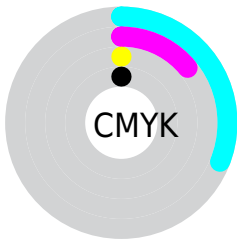
# Distribution



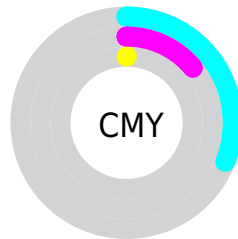
- Red (69%)
- Green (86%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0DCFF 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 B0DCFF by changing the saturation by 10% instead.



 B0DCFF

 B0DCFF

FFFFFF

 94C0E2

 E9FFFF

 79A5C6

 5F8BAB

 447190

 295977

 06425E

 002C46

 00172F

 00011B

 B0DCFF

 B0DCFF

 96D1FF

 CAE7FF

 7DC5FF

 E3F3FF

 63BAFF

 FDFEFF

 4AAFFF

 FFFFFFFF

 31A4FF

 1798FF

 008EFF

# Harmonies

## Analogous

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



9FE1F3



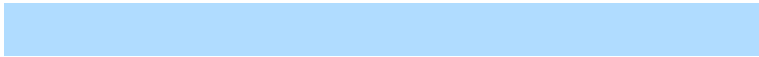
B0DCFF



CBD5FF

# Triad

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



B0DCFF



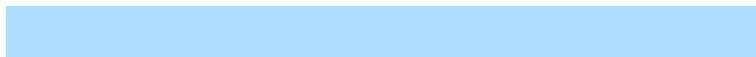
FFC8CD



C4DEB7

# Complementary

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



B0DCFF



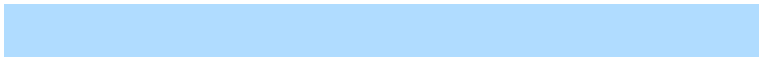
FFD3B0

# 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.



DDD8AD



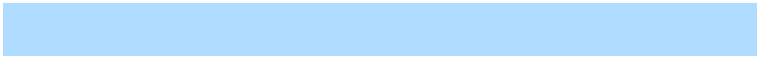
B0DCFF



FFCBBA

# Square

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



B0DCFF



FAC9E3



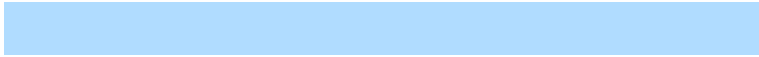
F2D1AE



AEE2CA

# Rectangle

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



B0DCFF



DED0FA



F2D1AE

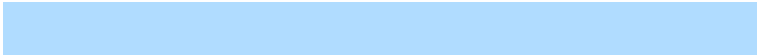


CDDDB3

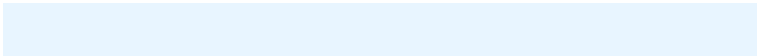


# Sweetspot

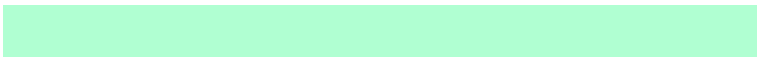
The Sweet Spot groups the original color and five complimentary colors.



B0DCFF



E8F5FF



B0FFD2



717980



000000

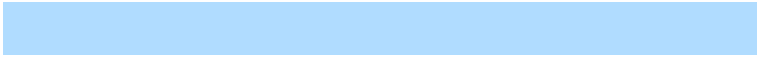


808080

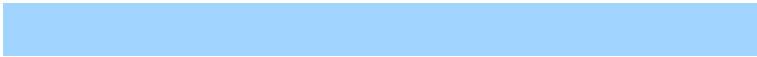


# Same Dimension

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



B0DCFF



A1D5FF



B0B5FF



737A80



006BBF



002440



# Inverse Universe

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



FFB0DC



FFA1D5



FFFAB0



80737A



BF006B

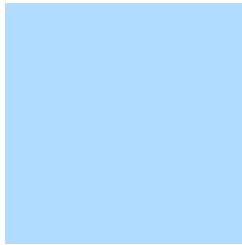


400024



# Previews

## White Background



This preview shows how the Hex color B0DCFF looks on a white background.

## Color Contrast Check

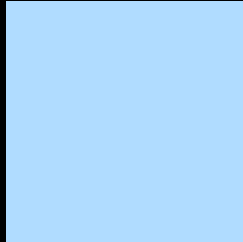
Large Text (above 18pt) WCAG AA × Fail

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 B0DCFF 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

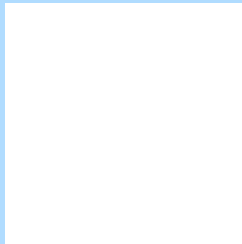
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0DCFF Background



This preview shows how black text looks on a background with the Hex color B0DCFF.

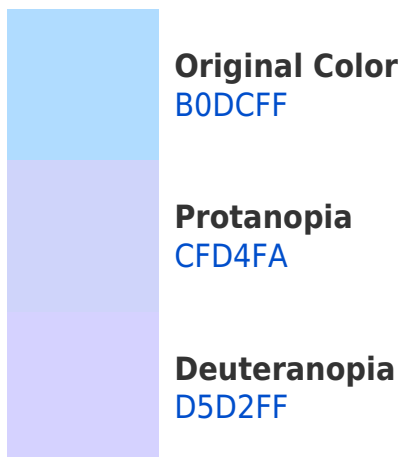


This preview shows how white text looks on a background with the Hex color B0DCFF.

# 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



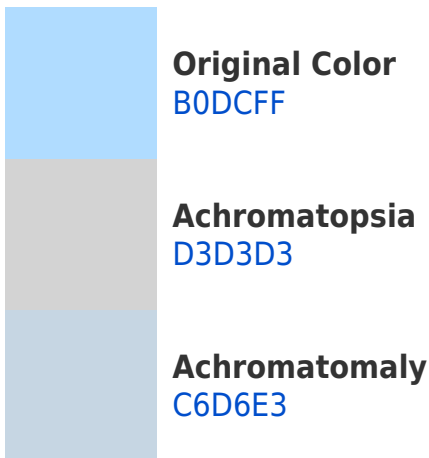


**Tritanopia**  
ADDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0DCFF 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 #B0DCFF looks like.

```
.text, #text, p{  
    color:#B0DCFF  
}
```

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 #B0DCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DCFF
}
```

## Border

The CSS property to change the border of an element to Hex B0DCFF 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
#B0DCFF }
```

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

```
.border{ border-color:#B0DCFF }
```

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

Here you see how a box with a 4 pixel #B0DCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DCFF; -webkit-box-shadow:4px 4px  
4px 4px #B0DCFF; box-shadow:4px 4px 4px  
4px #B0DCFF }
```

# Background

The CSS property to change the background color of an element to Hex B0DCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DCFF }
```

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

```
.background{ background-color:#B0DCFF }
```

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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