

# Converting Colors

Hex(B0D1FF)

Have a look what the booklet for  
Hex(B0D1FF) contains.

<b>Hex(B0D1FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B0D1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0D1FF
RGB	176, 209, 255
RGB Percent	69%, 82%, 100%
CMY	0.3098, 0.1804, 0.0000
CMYK	0.31, 0.18, 0.00, 0.00
HSL	215°, 100%, 85%
HSV	215°, 31%, 100%
XYZ	58.7550, 62.0510, 103.4881
YIQ	204.3770, -34.4340, 7.3100

# Conversions

## Conversions Part 2

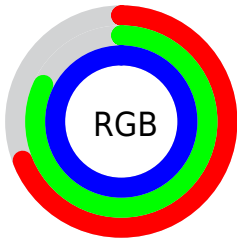
Format	Color
R <sub>Y</sub> B	176, 199, 255
Decimal	11588095
CIE Lab	82.94, -0.54, -26.05
CIE LCh	83, 26.059, 268.818
Yxy	62.0510, 0.2620, 0.2767
Android (android.graphics.Color)	4289778175 (0xFFB0D1FF)
YUV	204.3770, 24.9571, -24.8866
Hunter-Lab	78.7725, -4.7119, -22.7520

# Details

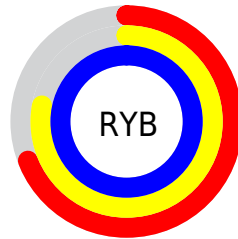
The Hex color **B0D1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDEB0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFFF**, and **799BC6** is the 20% darker color. If you saturate the color by 10%, you get **96C2FF**, and if you desaturate by 10%, it is **CAE0FF**.

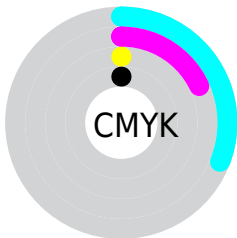
# Distribution



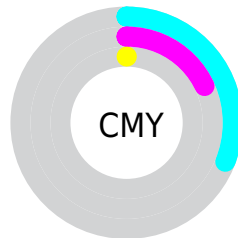
- Red (69%)
- Green (82%)
- Blue (100%)



- 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 B0D1FF 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 B0D1FF by changing the saturation by 10% instead.



 B0D1FF

 B0D1FF

FFFFFF

 94B5E2

 E9FFFF

 799BC6

 5F81AB

 446890

 2A5076

 08395E

 002446

 000E2F

 00011A

 B0D1FF

 B0D1FF

 96C2FF

 CAE0FF

 7DB3FF

 E3EFFF

 63A4FF

 FDFEFF

 4A96FF

FFFFFF

 3187FF

 1778FF

 006BFF

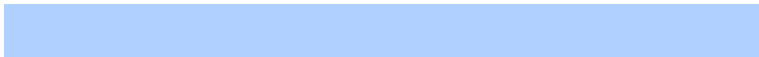
# Harmonies

## Analogous

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



94D8F8



B0D1FF



D1C9F9

# Triad

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



B0D1FF



FFBFB8



ACDAB4

# Complementary

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



B0D1FF



FFDEB0

# 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.



C8D4A3



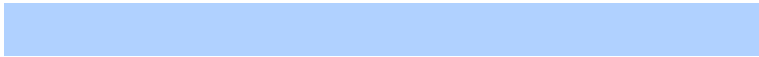
B0D1FF



F6C4A5

# Square

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



B0D1FF



FEBDD0



E2CD9E



94DCCD

# Rectangle

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



B0D1FF



E5C3EF



E2CD9E



B5D8AE

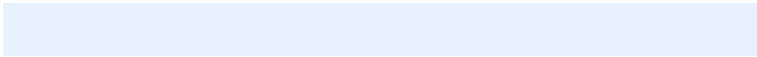


# Sweetspot

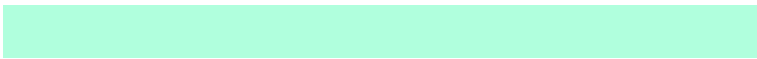
The Sweet Spot groups the original color and five complimentary colors.



B0D1FF



E8F2FF



B0FFDD



717780



000000



808080

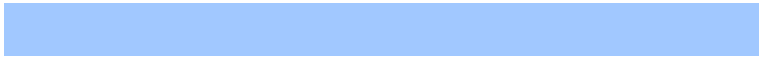


# Same Dimension

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



B0D1FF



A1C8FF



B5B0FF



737880



0050BF



001B40



# Inverse Universe

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



FFB0D1



FFA1C8



FAFFB0



807378



BF0050

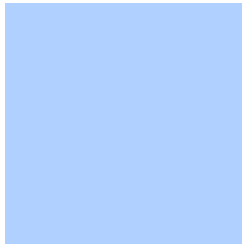


40001B



# Previews

## White Background



This preview shows how the Hex color B0D1FF looks on a white background.

## Color Contrast Check

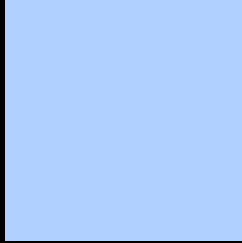
Large Text (above 18pt) WCAG AA × Fail

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 B0D1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

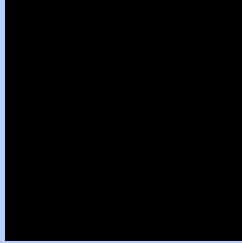
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

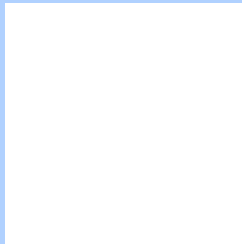
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0D1FF Background



This preview shows how black text looks on a background with the Hex color B0D1FF.

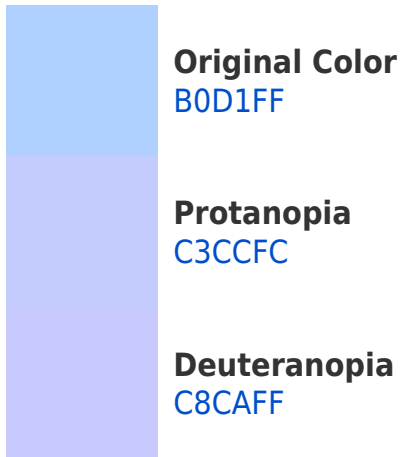


This preview shows how white text looks on a background with the Hex color B0D1FF.

# 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](#).

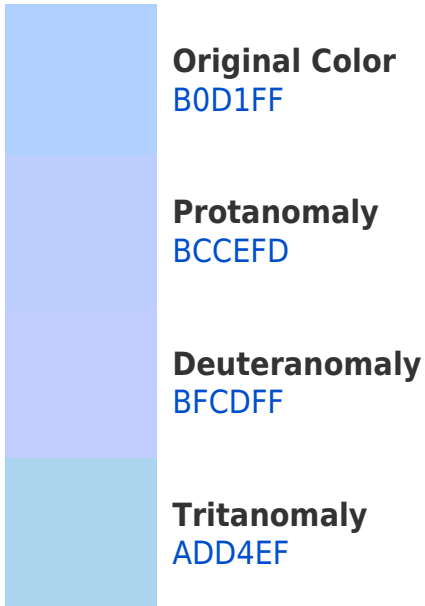
## Dichromacy



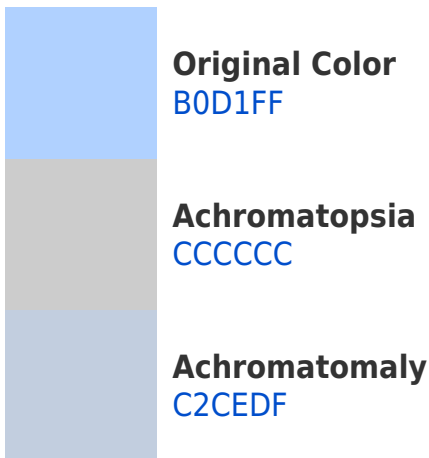


**Tritanopia**  
ABD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0D1FF 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 #B0D1FF looks like.

```
.text, #text, p{  
    color:#B0D1FF  
}
```

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 #B0D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D1FF
}
```

## Border

The CSS property to change the border of an element to Hex B0D1FF 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
#B0D1FF }
```

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

```
.border{ border-color:#B0D1FF }
```

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

Here you see how a box with a 4 pixel #B0D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D1FF; -webkit-box-shadow:4px 4px  
4px 4px #B0D1FF; box-shadow:4px 4px 4px  
4px #B0D1FF }
```

# Background

The CSS property to change the background color of an element to Hex B0D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D1FF }
```

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

```
.background{ background-color:#B0D1FF }
```

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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