

# Converting Colors

Hex(B0DFF8)

Have a look what the booklet for  
Hex(B0DFF8) contains.

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# **Color**

**Hex(B0DFF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0DFF8
RGB	176, 223, 248
RGB Percent	69%, 87%, 97%
CMY	0.3098, 0.1255, 0.0275
CMYK	0.29, 0.10, 0.00, 0.03
HSL	201°, 84%, 83%
HSV	201°, 29%, 97%
XYZ	61.2354, 68.7828, 98.8559
YIQ	211.7970, -36.0370, -2.1890

# Conversions

## Conversions Part 2

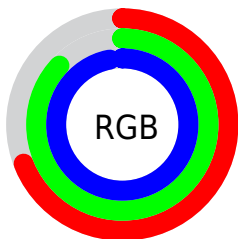
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 204, 248
Decimal	11591672
CIE Lab	86.40, -9.52, -17.12
CIE LCh	86, 19.587, 240.913
Yxy	68.7828, 0.2676, 0.3005
Android (android.graphics.Color)	4289781752 (0xFFB0DFF8)
YUV	211.7970, 17.8481, -31.3940
Hunter-Lab	82.9354, -13.3412, -12.6167

# Details

The Hex color **B0DFF8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8C9B0**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E9FFFF**, and **79A8C0** is the 20% darker color. If you saturate the color by 10%, you get **97D6F8**, and if you desaturate by 10%, it is **C9E8F8**.

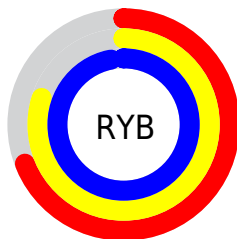
# Distribution



Red (69%)

Green (87%)

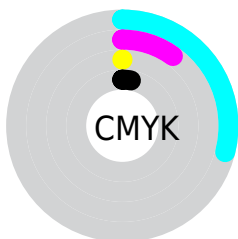
Blue (97%)



Red (69%)

Yellow (80%)

Blue (97%)

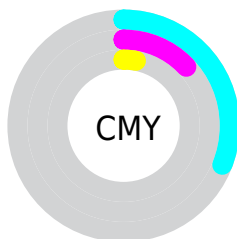


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (13%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0DFF8 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 B0DFF8 by changing the saturation by 10% instead.



 B0DFF8

 B0DFF8

FFFFFF

 94C3DB

 E9FFFF

 79A8C0

 5F8DA4

 45748A

 2A5B71

 0B4458

 002E41

 00192B

 000116

 B0DFF8

 B0DFF8

 97D6F8

 C9E8F8

 7ECE F8

 E2F0F8

 66C5F8

 FAF9F8

 4DBDF8

 FFFFF8

 34B4F8

 1BABF8

 02A3F8

 00A2F8

# Harmonies

## Analogous

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



A7E2EB



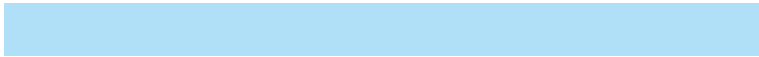
B0DFF8



C4DAFD

# Triad

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



B0DFF8



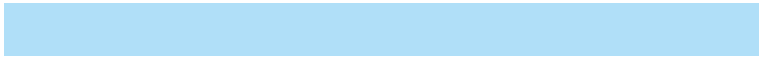
FDCBD8



D2DDB8

# Complementary

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



B0DFF8



F8C9B0

# 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.



E6D7B3



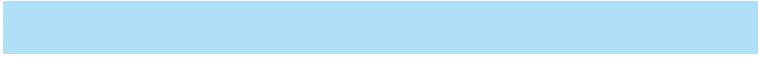
B0DFF8



FFCDC6

# Square

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



B0DFF8



F1CEEB



F7D1B8



BDE1C6

# Rectangle

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



**B0DFF8**



**D4D5FB**



**F7D1B8**



**D9DBB5**



# Sweetspot

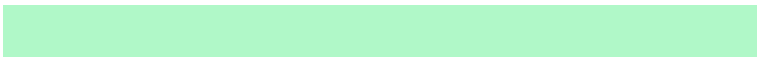
The Sweet Spot groups the original color and five complimentary colors.



B0DFF8



E8F7FF



B0F8C8



717B80



000000

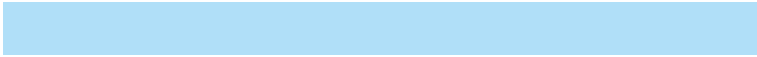


808080

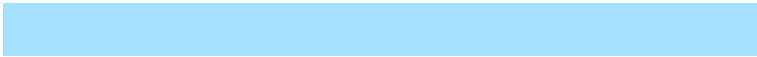


# Same Dimension

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



B0DFF8



A6E0FF



B0BCF8



70797D



007BBD



00283D



# Inverse Universe

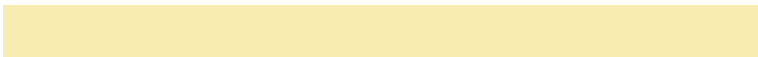
The Inverse Universe completely reimagines the original color for something new.



F8B0DF



FFA6E0



F8ECB0



7D7079



BD007B

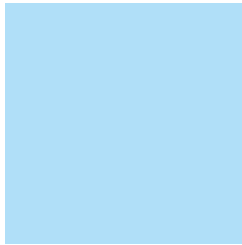


3D0028



# Previews

## White Background



This preview shows how the Hex color B0DFF8 looks on a white background.

## Color Contrast Check

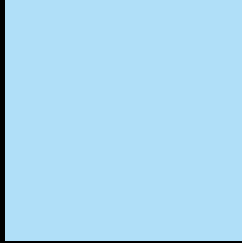
Large Text (above 18pt) WCAG AA × Fail

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 B0DFF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

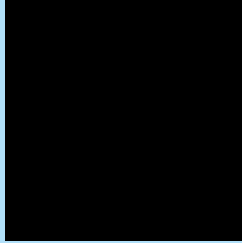
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0DFF8 Background



This preview shows how black text looks on a background with the Hex color B0DFF8.

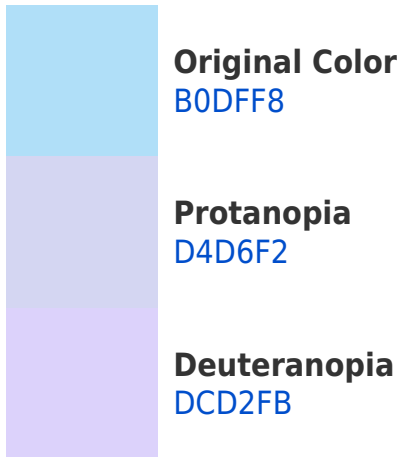


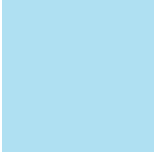
This preview shows how white text looks on a background with the Hex color B0DFF8.

# 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](#).

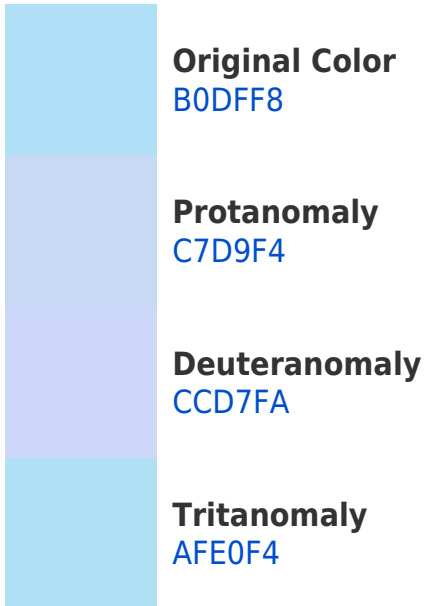
## Dichromacy



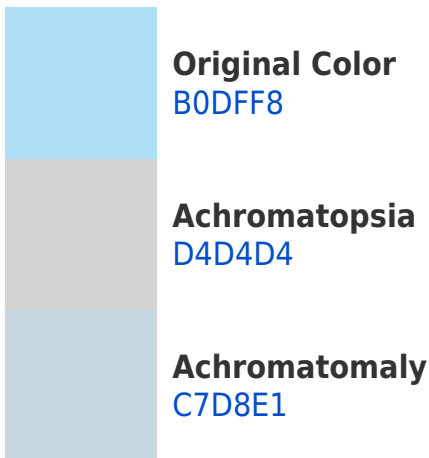


**Tritanopia**  
AFE0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0DFF8 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 #B0DFF8 looks like.

```
.text, #text, p{  
    color:#B0DFF8  
}
```

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 #B0DFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DFF8
}
```

## Border

The CSS property to change the border of an element to Hex B0DFF8 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
#B0DFF8 }
```

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

```
.border{ border-color:#B0DFF8 }
```

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

Here you see how a box with a 4 pixel #B0DFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DFF8; -webkit-box-shadow:4px 4px  
4px 4px #B0DFF8; box-shadow:4px 4px 4px  
4px #B0DFF8 }
```

# Background

The CSS property to change the background color of an element to Hex B0DFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DFF8 }
```

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

```
.background{ background-color:#B0DFF8 }
```

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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