

# Converting Colors

Hex(B0CEFF)

Have a look what the booklet for  
Hex(B0CEFF) contains.

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# **Color**

**Hex(B0CEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0CEFF
RGB	176, 206, 255
RGB Percent	69%, 81%, 100%
CMY	0.3098, 0.1922, 0.0000
CMYK	0.31, 0.19, 0.00, 0.00
HSL	217°, 100%, 85%
HSV	217°, 31%, 100%
XYZ	58.0258, 60.5927, 103.2450
YIQ	202.6160, -33.6090, 8.8790

# Conversions

## Conversions Part 2

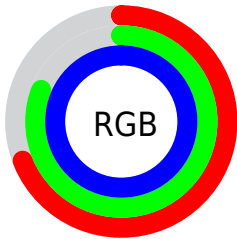
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 198, 255
Decimal	11587327
CIE Lab	82.16, 1.06, -27.25
CIE LCh	82, 27.267, 272.229
Yxy	60.5927, 0.2615, 0.2731
Android (android.graphics.Color)	4289777407 (0xFFB0CEFF)
YUV	202.6160, 25.8253, -23.3422
Hunter-Lab	77.8413, -3.1618, -24.1505

# Details

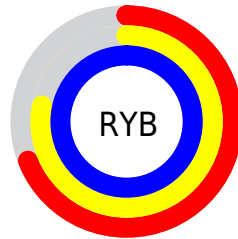
The Hex color **B0CEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE1B0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E9FFFF**, and **7998C6** is the 20% darker color. If you saturate the color by 10%, you get **96BEFF**, and if you desaturate by 10%, it is **CADEFF**.

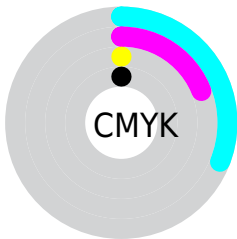
# Distribution



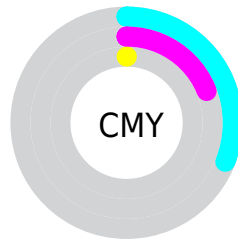
- Red (69%)
- Green (81%)
- Blue (100%)



- Red (69%)
- Yellow (78%)
- Blue (100%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0CEFF 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 B0CEFF by changing the saturation by 10% instead.



 B0CEFF

 B0CEFF

FFFFFF

 94B3E2

 E9FFFF

 7998C6

 5F7EAB

 456590

 2A4D76

 08375D

 002246

 000A2F

 00011A

 B0CEFF

 B0CEFF

 96BEFF

 CADEFF

 7DAEFF


 E3EEFF

 639FFF

 FDFDFF

 4A8FFF

FFFFFF

 317FFF

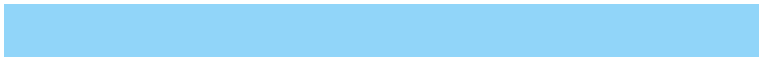
 176FFF

 0061FF

# Harmonies

## Analogous

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



91D5F9



B0CEFF



D3C5F8

# Triad

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



B0CEFF



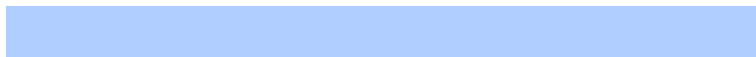
FFBCB2



A4D9B4

# Complementary

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



B0CEFF



FFE1B0

# 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.



C2D3A1



B0CEFF



F4C3A0

# Square

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



B0CEFF



FFBACB



DDCB99



8CDBCD

# Rectangle

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



B0CEFF



E7C0EC



DDCB99



AED7AC

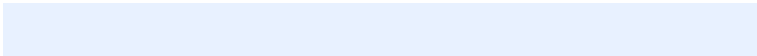


# Sweetspot

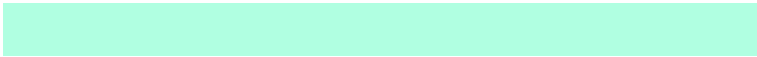
The Sweet Spot groups the original color and five complimentary colors.



B0CEFF



E8F1FF



B0FFE1



717780



000000



808080



# Same Dimension

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



B0CEFF



A1C4FF



B9B0FF



737880



0049BF



001840



# Inverse Universe

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



FFB0CE



FFA1C4



F6FFB0



807378



BF0049



400018



# Previews

## White Background



This preview shows how the Hex color B0CEFF looks on a white background.

## Color Contrast Check

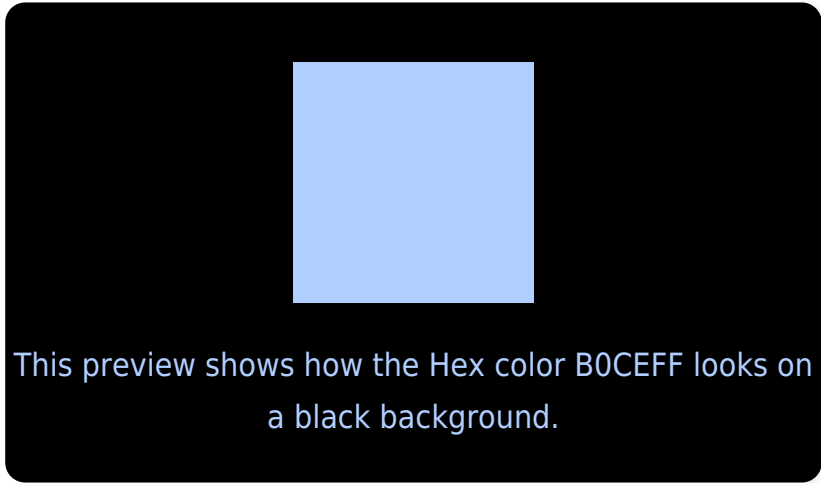
Large Text (above 18pt) WCAG AA × Fail

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

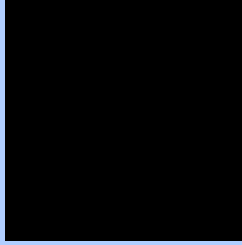
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

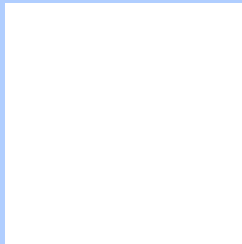
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0CEFF Background



This preview shows how black text looks on a background with the Hex color B0CEFF.



This preview shows how white text looks on a background with the Hex color B0CEFF.

# 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](#).

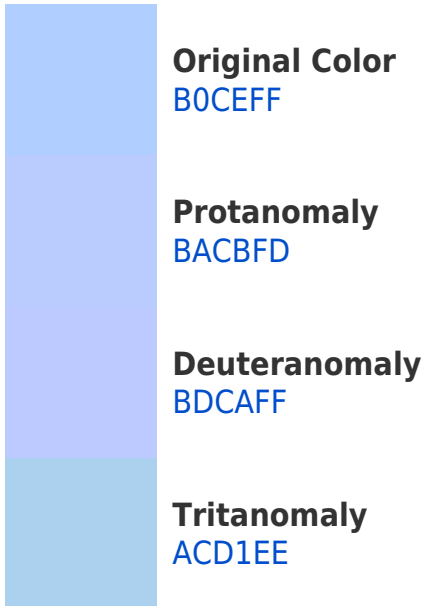
## Dichromacy



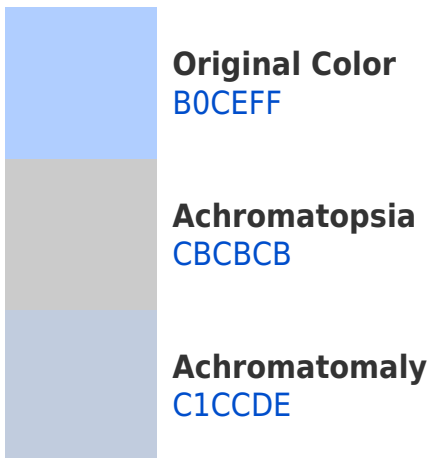


**Tritanopia**  
AAD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0CEFF 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 #B0CEFF looks like.

```
.text, #text, p{  
    color:#B0CEFF  
}
```

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 #B0CEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CEFF
}
```

## Border

The CSS property to change the border of an element to Hex B0CEFF 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
#B0CEFF }
```

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

```
.border{ border-color:#B0CEFF }
```

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

Here you see how a box with a 4 pixel #B0CEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CEFF; -webkit-box-shadow:4px 4px  
4px 4px #B0CEFF; box-shadow:4px 4px 4px  
4px #B0CEFF }
```

# Background

The CSS property to change the background color of an element to Hex B0CEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CEFF }
```

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

```
.background{ background-color:#B0CEFF }
```

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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