

Converting Colors

Hex(B0C8FF)

Have a look what the booklet for
Hex(B0C8FF) contains.

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Color

Hex(B0C8FF)

Conversions

Conversions Part 1

Format	Color
Hex	B0C8FF
RGB	176, 200, 255
RGB Percent	69%, 78%, 100%
CMY	0.3098, 0.2157, 0.0000
CMYK	0.31, 0.22, 0.00, 0.00
HSL	222°, 100%, 85%
HSV	222°, 31%, 100%
XYZ	56.6088, 57.7587, 102.7727
YIQ	199.0940, -31.9590, 12.0170

Conversions

Conversions Part 2

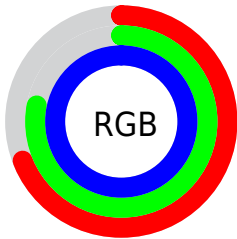
Format	Color
R _Y B	176, 194, 255
Decimal	11585791
CIE Lab	80.60, 4.28, -29.63
CIE LCh	81, 29.935, 278.223
Yxy	57.7587, 0.2607, 0.2660
Android (android.graphics.Color)	4289775871 (0xFFB0C8FF)
YUV	199.0940, 27.5617, -20.2534
Hunter-Lab	75.9991, -0.0408, -26.9778

Details

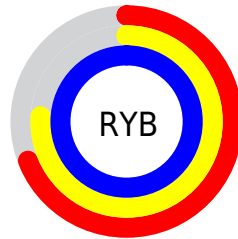
The Hex color **B0C8FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE7B0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E9FFFF**, and **7992C6** is the 20% darker color. If you saturate the color by 10%, you get **96B6FF**, and if you desaturate by 10%, it is **CADAFF**.

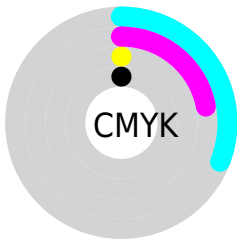
Distribution



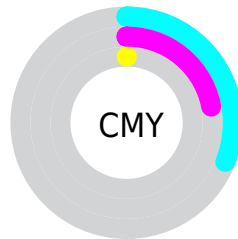
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C8FF 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 B0C8FF by changing the saturation by 10% instead.

 B0C8FF

 B0C8FF

FFFFFF

 94ADE2

 E9FFFF

 7992C6

 5F79AB

 456090

 2A4876

 08325D

 001E45

 00022F

 000119

 B0C8FF

 B0C8FF

 96B6FF

 CADAFF

 7DA4FF

 E3ECFF

 6393FF

 FDFDFF

 4A81FF

FFFFFF

 316FFF

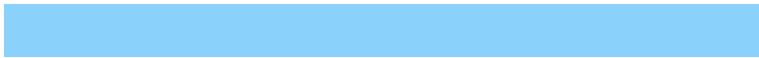
 175DFF

 004DFF

Harmonies

Analogous

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



8AD1FB



B0C8FF



D6BEF4

Triad

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



B0C8FF



FEB7A7



96D6B2

Complementary

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



B0C8FF



FFE7B0

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.



B6D19B



B0C8FF



EEBF95

Square

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



B0C8FF



FFB4C1



D5C991



7BD8CF

Rectangle

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



B0C8FF



EAB8E6



D5C991



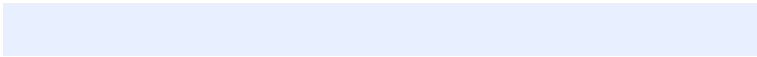
A0D5AA

Sweetspot

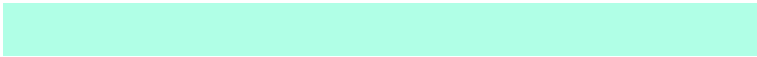
The Sweet Spot groups the original color and five complimentary colors.



B0C8FF



E8EFFF



B0FFE6



717680



000000



808080

Same Dimension

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



B0C8FF



A1BDFF



BEB0FF



737780



003ABF



001340

Inverse Universe

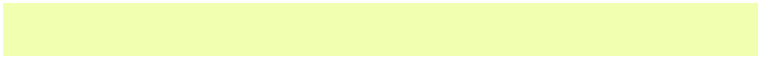
The Inverse Universe completely reimagines the original color for something new.



FFB0C8



FFA1BD



F1FFB0



807377



BF003A



400013

Previews

White Background



This preview shows how the Hex color B0C8FF looks on a white background.

Color Contrast Check

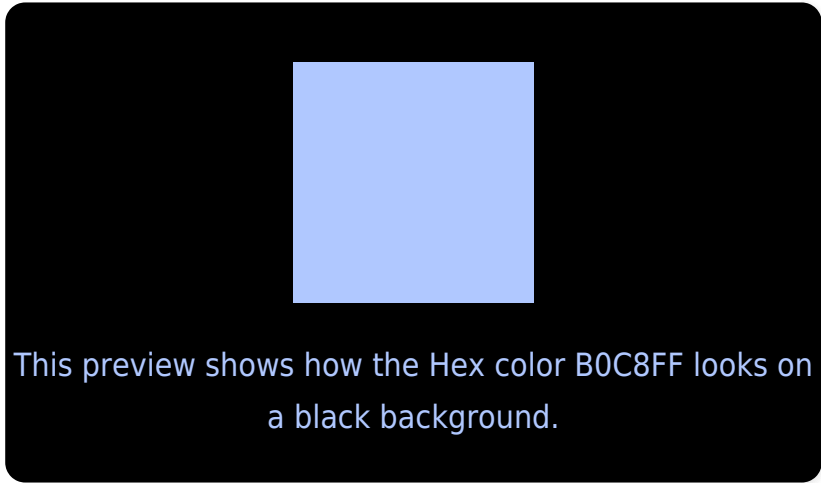
Large Text (above 18pt) WCAG AA × Fail

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

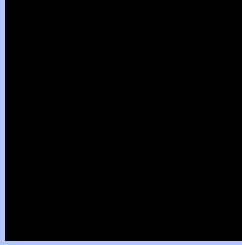
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

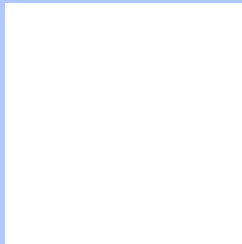
Any Text WCAG AAA ✓ Pass

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

Hex B0C8FF Background



This preview shows how black text looks on a background with the Hex color B0C8FF.



This preview shows how white text looks on a background with the Hex color B0C8FF.

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

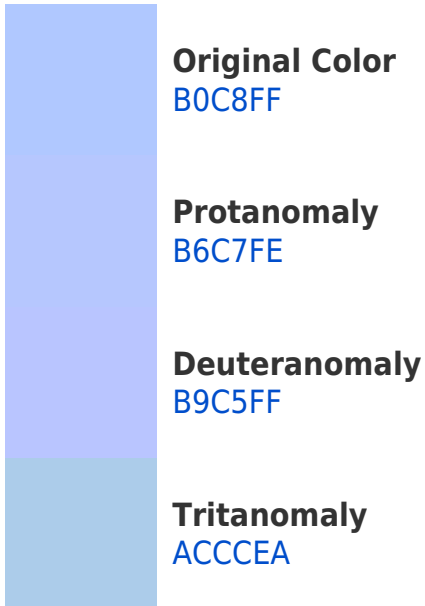


Original Color
B0C8FF

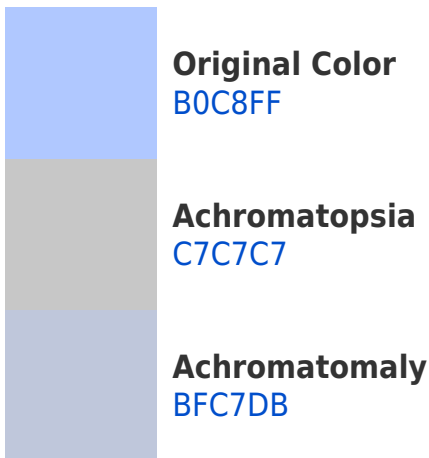
Protanopia
BAC6FD

Deuteranopia
BEC4FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C8FF 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 #B0C8FF looks like.

```
.text, #text, p{  
    color:#B0C8FF  
}
```

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 #B0C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C8FF
}
```

Border

The CSS property to change the border of an element to Hex B0C8FF 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
#B0C8FF }
```

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

```
.border{ border-color:#B0C8FF }
```

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

Here you see how a box with a 4 pixel #B0C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C8FF; -webkit-box-shadow:4px 4px  
4px 4px #B0C8FF; box-shadow:4px 4px 4px  
4px #B0C8FF }
```

Background

The CSS property to change the background color of an element to Hex B0C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C8FF }
```

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

```
.background{ background-color:#B0C8FF }
```

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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