

Converting Colors

Hex(B0C4FF)

Have a look what the booklet for
Hex(B0C4FF) contains.

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Color

Hex(B0C4FF)

Conversions

Conversions Part 1

Format	Color
Hex	B0C4FF
RGB	176, 196, 255
RGB Percent	69%, 77%, 100%
CMY	0.3098, 0.2314, 0.0000
CMYK	0.31, 0.23, 0.00, 0.00
HSL	225°, 100%, 85%
HSV	225°, 31%, 100%
XYZ	55.6944, 55.9300, 102.4679
YIQ	196.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

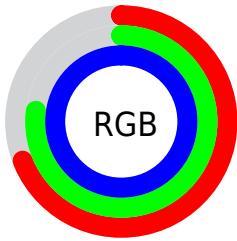
Format	Color
R _Y B	176, 192, 255
Decimal	11584767
CIE Lab	79.57, 6.45, -31.21
CIE LCh	80, 31.868, 281.670
Yxy	55.9300, 0.2601, 0.2612
Android (android.graphics.Color)	4289774847 (0xFFB0C4FF)
YUV	196.7460, 28.7192, -18.1942
Hunter-Lab	74.7863, 2.0553, -28.8853

Details

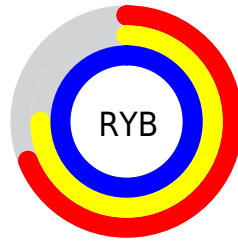
The Hex color **B0C4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFEBB0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E9FCFF**, and **798EC6** is the 20% darker color. If you saturate the color by 10%, you get **96B1FF**, and if you desaturate by 10%, it is **CAD7FF**.

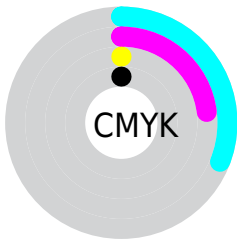
Distribution



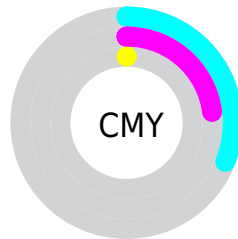
- Red (69%)
- Green (77%)
- Blue (100%)



- Red (69%)
- Yellow (75%)
- Blue (100%)



- Cyan (31%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C4FF 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 B0C4FF by changing the saturation by 10% instead.

 B0C4FF

 B0C4FF

FFFFFF

 94A9E2

 E9FCFF

 798EC6

 5F75AB

 445C90

 2A4576

 082F5D

 001B45

 00002F

 000119

 B0C4FF

 B0C4FF

 96B1FF

 CAD7FF

 7D9EFF

 E3EAFF

 638BFF

 FDFDFF

 4A78FF

FFFFFF

 3165FF

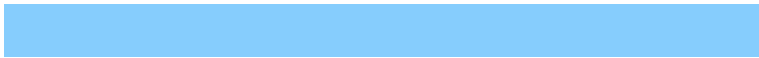
 1752FF

 0041FF

Harmonies

Analogous

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



86CDFD



B0C4FF



D8BAF2

Triad

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



B0C4FF



FDB49F



8BD4B2

Complementary

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



B0C4FF



FFE000

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.



ADCF98



B0C4FF



EABD8D

Square

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



B0C4FF



FFAFBA



CFC78B



6FD6D0

Rectangle

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



B0C4FF



EDB4E2



CFC78B



96D3A8

Sweetspot

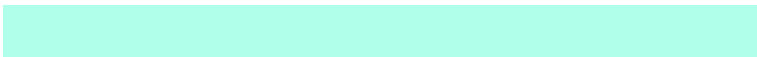
The Sweet Spot groups the original color and five complimentary colors.



B0C4FF



E8EEFF



B0FFEA



717580



000000



808080

Same Dimension

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



B0C4FF



A1B9FF



C2B0FF



737680



0030BF



001040

Inverse Universe

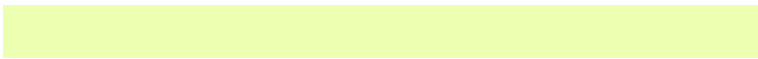
The Inverse Universe completely reimagines the original color for something new.



FFB0C4



FFA1B9



EDFFB0



807376



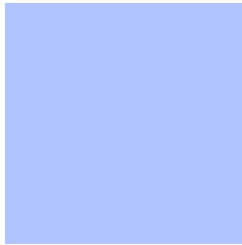
BF0030



400010

Previews

White Background



This preview shows how the Hex color B0C4FF looks on a white background.

Color Contrast Check

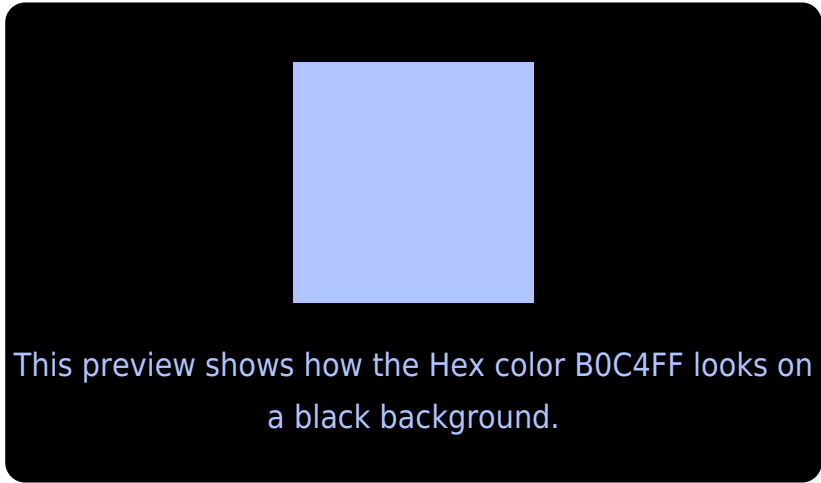
Large Text (above 18pt) WCAG AA × Fail

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

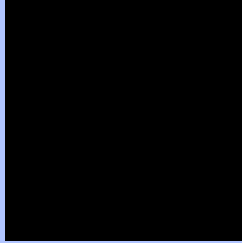
Any Text WCAG AA ✓ Pass

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 B0C4FF Background



This preview shows how black text looks on a background with the Hex color B0C4FF.



This preview shows how white text looks on a background with the Hex color B0C4FF.

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
B0C4FF

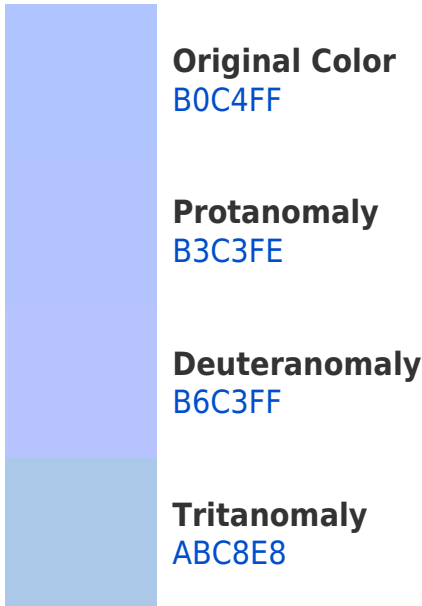
Protanopia
B5C3FE

Deuteranopia
B9C2FF

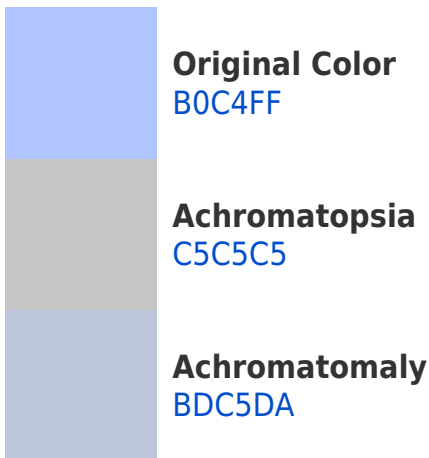


Tritanopia
A8CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C4FF 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 #B0C4FF looks like.

```
.text, #text, p{  
    color:#B0C4FF  
}
```

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 #B0C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C4FF
}
```

Border

The CSS property to change the border of an element to Hex B0C4FF 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
#B0C4FF }
```

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

```
.border{ border-color:#B0C4FF }
```

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

Here you see how a box with a 4 pixel #B0C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C4FF; -webkit-box-shadow:4px 4px  
4px 4px #B0C4FF; box-shadow:4px 4px 4px  
4px #B0C4FF }
```

Background

The CSS property to change the background color of an element to Hex B0C4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C4FF }
```

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

```
.background{ background-color:#B0C4FF }
```

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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