

Converting Colors

Hex(B0CAFF)

Have a look what the booklet for
Hex(B0CAFF) contains.

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Color

Hex(B0CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	B0CAFF
RGB	176, 202, 255
RGB Percent	69%, 79%, 100%
CMY	0.3098, 0.2078, 0.0000
CMYK	0.31, 0.21, 0.00, 0.00
HSL	220°, 100%, 85%
HSV	220°, 31%, 100%
XYZ	57.0750, 58.6912, 102.9281
YIQ	200.2680, -32.5090, 10.9710

Conversions

Conversions Part 2

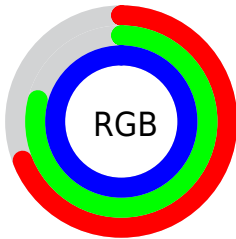
Format	Color
RYB	176, 196, 255
Decimal	11586303
CIELab	81.12, 3.20, -28.83
CIElCh	81, 29.012, 276.341
Yxy	58.6912, 0.2610, 0.2684
Android (android.graphics.Color)	4289776383 (0xFFB0CAFF)
YUV	200.2680, 26.9829, -21.2830
Hunter-Lab	76.6102, -1.0842, -26.0308

Details

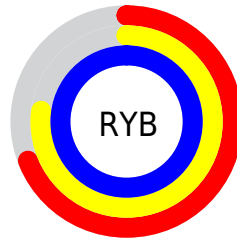
The Hex color **B0CAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE5B0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E9FFFF**, and **7994C6** is the 20% darker color. If you saturate the color by 10%, you get **96B9FF**, and if you desaturate by 10%, it is **CADBFF**.

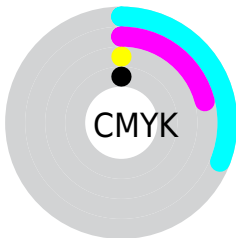
Distribution



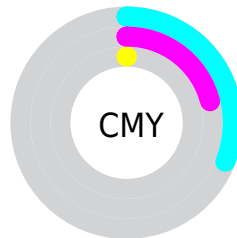
- Red (69%)
- Green (79%)
- Blue (100%)



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



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CAFF 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 B0CAFF by changing the saturation by 10% instead.

 B0CAFF

 B0CAFF

FFFFFF

 94AFE2

 E9FFFF


 7994C6

 5F7AAB

 456290

 2A4A76

 08345D

 001F45

 00052F

 000119

 B0CAFF

 B0CAFF

 96B9FF

 CADBFF

 7DA8FF

 E3ECFF

 6397FF

 FDFDFF

 4A86FF

FFFFFF

 3174FF

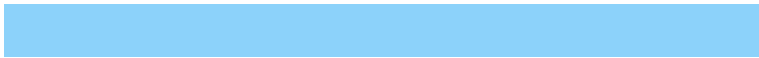
 1763FF

 0054FF

Harmonies

Analogous

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



8CD2FA



B0CAFF



D5C1F5

Triad

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



B0CAFF



FEB9AB



9BD7B3

Complementary

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



B0CAFF



FFE5B0

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.



BAD29D



B0CAFF



F0C098

Square

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



B0CAFF



FFB6C5



D8CA93



81D9CE

Rectangle

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



B0CAFF



E9BBE8



D8CA93



A5D5AB

Sweetspot

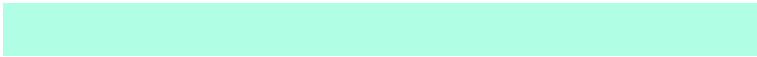
The Sweet Spot groups the original color and five complimentary colors.



B0CAFF



E8F0FF



B0FFE5



717680



000000



808080

Same Dimension

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



B0CAFF



A1C0FF



BDB0FF



737780



003FBF



001540

Inverse Universe

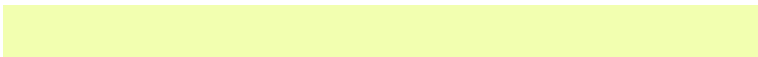
The Inverse Universe completely reimagines the original color for something new.



FFB0CA



FFA1C0



F2FFB0



807377



BF003F



400015

Previews

White Background



This preview shows how the Hex color B0CAFF looks on a white background.

Color Contrast Check

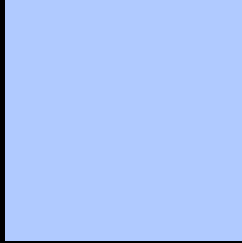
Large Text (above 18pt) WCAG AA × Fail

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 B0CAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

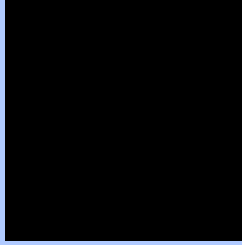
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

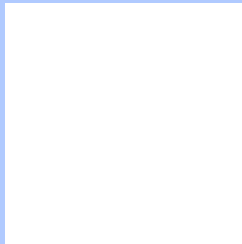
Any Text WCAG AAA ✓ Pass

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

Hex B0CAFF Background



This preview shows how black text looks on a background with the Hex color B0CAFF.



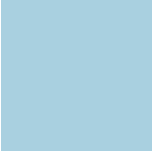
This preview shows how white text looks on a background with the Hex color B0CAFF.

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](#).

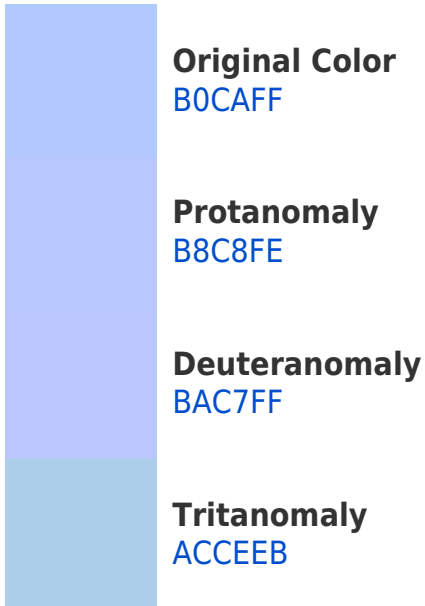
Dichromacy



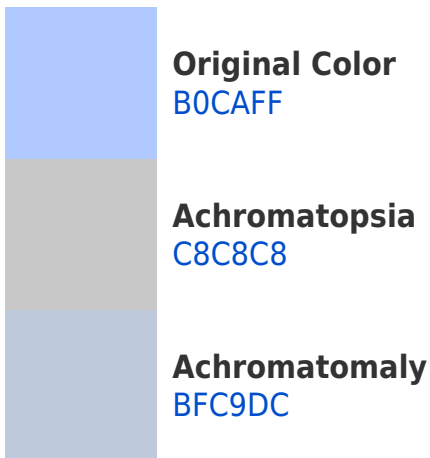


Tritanopia
A9D0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CAFF 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 #B0CAFF looks like.

```
.text, #text, p{  
    color:#B0CAFF  
}
```

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 #B0CAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CAFF
}
```

Border

The CSS property to change the border of an element to Hex B0CAFF 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
#B0CAFF }
```

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

```
.border{ border-color:#B0CAFF }
```

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

Here you see how a box with a 4 pixel #B0CAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CAFF; -webkit-box-shadow:4px 4px  
4px 4px #B0CAFF; box-shadow:4px 4px 4px  
4px #B0CAFF }
```

Background

The CSS property to change the background color of an element to Hex B0CAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CAFF }
```

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

```
.background{ background-color:#B0CAFF }
```

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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