

Converting Colors

Hex(B0CCFD)

Have a look what the booklet for
Hex(B0CCFD) contains.

Hex(B0CCFD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0CCFD)

Conversions

Conversions Part 1

Format	Color
Hex	B0CCFD
RGB	176, 204, 253
RGB Percent	69%, 80%, 99%
CMY	0.3098, 0.2000, 0.0078
CMYK	0.30, 0.19, 0.00, 0.01
HSL	218°, 95%, 84%
HSV	218°, 30%, 99%
XYZ	57.2270, 59.5077, 101.3985
YIQ	201.2140, -32.4170, 9.3030

Conversions

Conversions Part 2

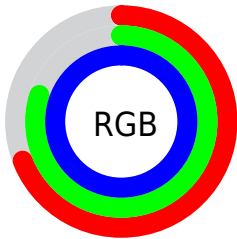
Format	Color
R _Y B	176, 197, 253
Decimal	11586813
CIE Lab	81.57, 1.65, -27.08
CIE LCh	82, 27.134, 273.478
Yxy	59.5077, 0.2623, 0.2728
Android (android.graphics.Color)	4289776893 (0xFFB0CCFD)
YUV	201.2140, 25.5305, -22.1127
Hunter-Lab	77.1412, -2.5775, -23.9350

Details

The Hex color **B0CCFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDE1B0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E9FFFF**, and **7996C4** is the 20% darker color. If you saturate the color by 10%, you get **97BCFD**, and if you desaturate by 10%, it is **C9DCFD**.

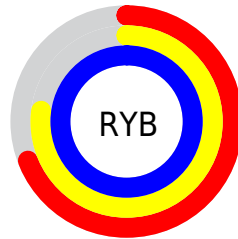
Distribution



Red (69%)

Green (80%)

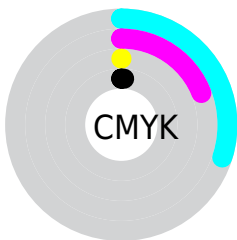
Blue (99%)



Red (69%)

Yellow (77%)

Blue (99%)

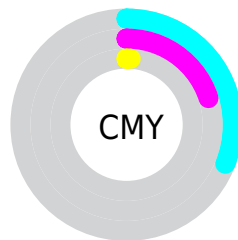


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (20%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CCFD 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 B0CCFD by changing the saturation by 10% instead.

 B0CCFD

 B0CCFD

FFFFFF

 94B1E0

 E9FFFF

 7996C4

 5F7CA9

 45638E

 2A4C75

 0A355C

 002044

 00082E

 000118

 B0CCFD

 B0CCFD

 97BCFD

 C9DCFD

 7DACFD

 E3ECFD

 649CFD

 FCFCFD

 4B8CFD

FFFFFFD

 317BFD

 186BFD

 005CFD

Harmonies

Analogous

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



90D3F7



B0CCFD



D3C3F5

Triad

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



B0CCFD



FDBBB0



A2D7B3

Complementary

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



B0CCFD



FDE1B0

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.



BFD2A0



B0CCFD



F1C19E

Square

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



B0CCFD



FDB8C9



DBCA98



8AD9CD

Rectangle

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



B0CCFD



E6BEE9



DBCA98



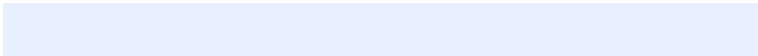
ABD6AC

Sweetspot

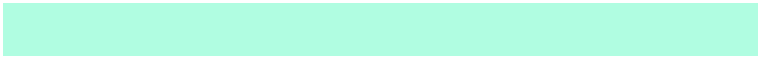
The Sweet Spot groups the original color and five complimentary colors.



B0CCFD



E8F0FF



B0FDE1



717780



000000



808080

Same Dimension

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



B0CCFD



A1C3FF



BAB0FD



737780



0046BF



001740

Inverse Universe

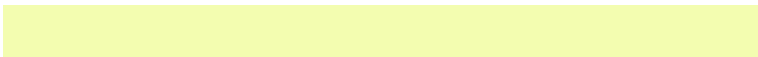
The Inverse Universe completely reimagines the original color for something new.



FDB0CC



FFA1C3



F3FDB0



807377



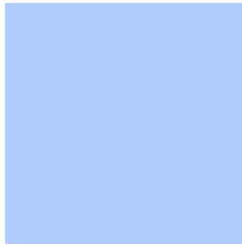
BF0046



400017

Previews

White Background



This preview shows how the Hex color B0CCFD looks on a white background.

Color Contrast Check

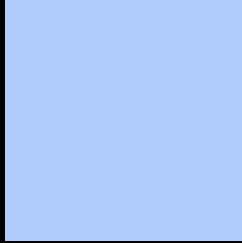
Large Text (above 18pt) WCAG AA × Fail

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 B0CCFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

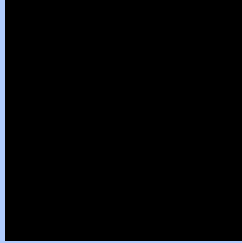
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

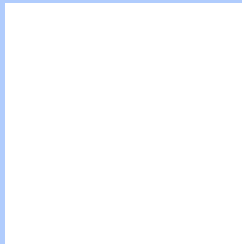
Any Text WCAG AAA ✓ Pass

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

Hex B0CCFD Background



This preview shows how black text looks on a background with the Hex color B0CCFD.



This preview shows how white text looks on a background with the Hex color B0CCFD.

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](#).

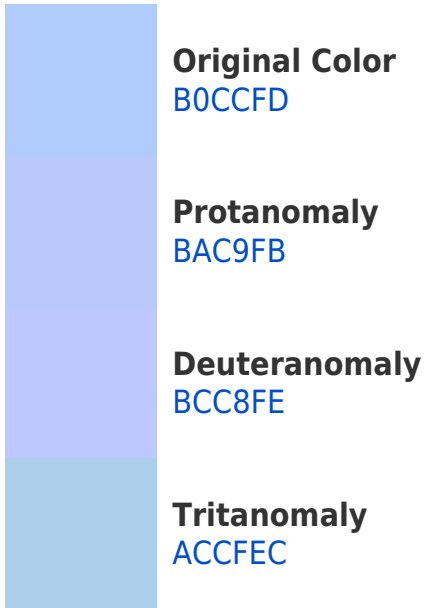
Dichromacy



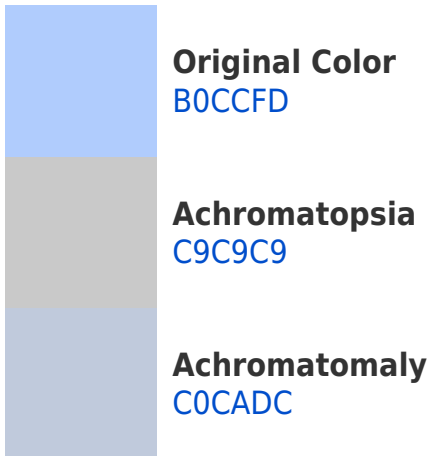


Tritanopia
AAD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CCFD 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 #B0CCFD looks like.

```
.text, #text, p{  
    color:#B0CCFD  
}
```

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 #B0CCFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CCFD
}
```

Border

The CSS property to change the border of an element to Hex B0CCFD 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
#B0CCFD }
```

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

```
.border{ border-color:#B0CCFD }
```

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

Here you see how a box with a 4 pixel #B0CCFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CCFD; -webkit-box-shadow:4px 4px  
4px 4px #B0CCFD; box-shadow:4px 4px 4px  
4px #B0CCFD }
```

Background

The CSS property to change the background color of an element to Hex B0CCFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CCFD }
```

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

```
.background{ background-color:#B0CCFD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor