

Converting Colors

Hex(B0E9FB)

Have a look what the booklet for
Hex(B0E9FB) contains.

Hex(B0E9FB)	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(B0E9FB)

Conversions

Conversions Part 1

Format	Color
Hex	B0E9FB
RGB	176, 233, 251
RGB Percent	69%, 91%, 98%
CMY	0.3098, 0.0863, 0.0157
CMYK	0.30, 0.07, 0.00, 0.02
HSL	194°, 90%, 84%
HSV	194°, 30%, 98%
XYZ	64.4560, 74.4730, 102.2443
YIQ	218.0090, -39.7500, -6.4860

Conversions

Conversions Part 2

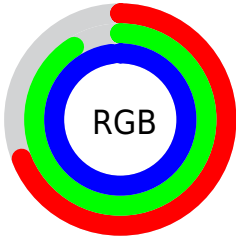
Format	Color
R _Y B	176, 208, 251
Decimal	11594235
CIE Lab	89.15, -13.93, -14.56
CIE LCh	89, 20.154, 226.275
Yxy	74.4730, 0.2673, 0.3088
Android (android.graphics.Color)	4289784315 (0xFFB0E9FB)
YUV	218.0090, 16.2646, -36.8419
Hunter-Lab	86.2977, -17.6989, -9.8375

Details

The Hex color **B0E9FB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBC2B0**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **E9FFFF**, and **79B1C2** is the 20% darker color. If you saturate the color by 10%, you get **97E3FB**, and if you desaturate by 10%, it is **C9EFFB**.

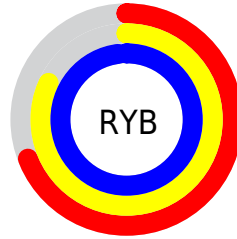
Distribution



Red (69%)

Green (91%)

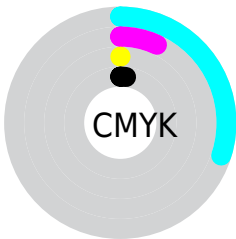
Blue (98%)



Red (69%)

Yellow (82%)

Blue (98%)

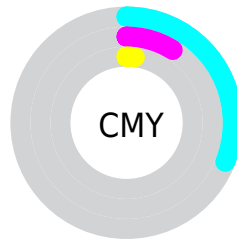


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E9FB 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 B0E9FB by changing the saturation by 10% instead.

 B0E9FB

 B0E9FB

FFFFFF

 94CDDE

 E9FFFF

 79B1C2

 5E97A7

 447D8D

 286473

 044C5B

 003543

 00202D

 000119

 B0E9FB

 B0E9FB

 97E3FB

 C9E9FB

 7EDDFB

 E2F5FB

 65D7FB

 FBF5FB

 4CD1FB

 FFFFFB

 33CBFB

 19C5FB

 00BFFB

Harmonies

Analogous

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



AEEBEA



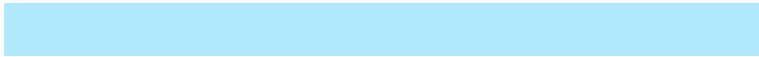
B0E9FB



C0E4FF

Triad

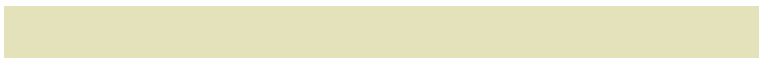
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B0E9FB



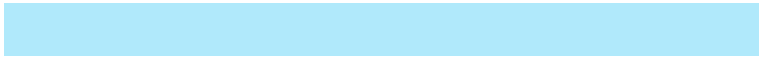
FFD3EA



E4E2BB

Complementary

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



B0E9FB



FBC2B0

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.



F8DCBB



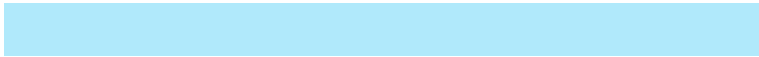
B0E9FB



FFD3D6

Square

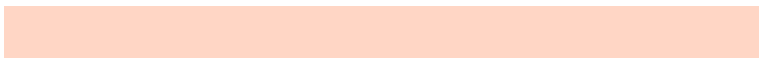
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0E9FB



F0D8FB



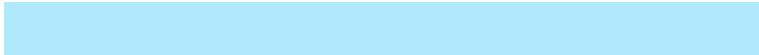
FFD6C5



CEE7C5

Rectangle

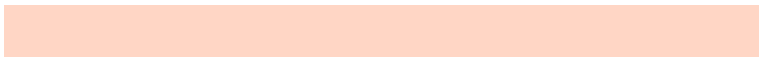
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



`B0E9FB`



`D0E0FF`



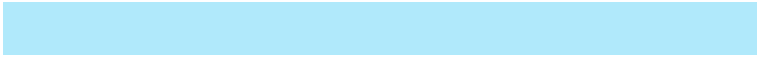
`FFD6C5`



`EBE0BA`

Sweetspot

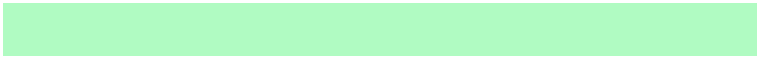
The Sweet Spot groups the original color and five complimentary colors.



B0E9FB



E8F9FF



B0FBC2



717C80



000000



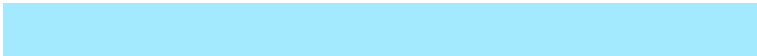
808080

Same Dimension

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



B0E9FB



A3E9FF



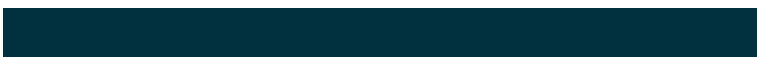
B0C4FB



707A7D



008FBD



002F3D

Inverse Universe

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



FBB0E9



FFA3E9



FBE7B0



7D707A



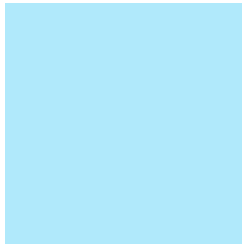
BD008F



3D002F

Previews

White Background



This preview shows how the Hex color B0E9FB looks on a white background.

Color Contrast Check

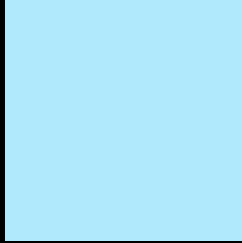
Large Text (above 18pt) WCAG AA × Fail

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 B0E9FB 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 B0E9FB Background



This preview shows how black text looks on a background with the Hex color B0E9FB.

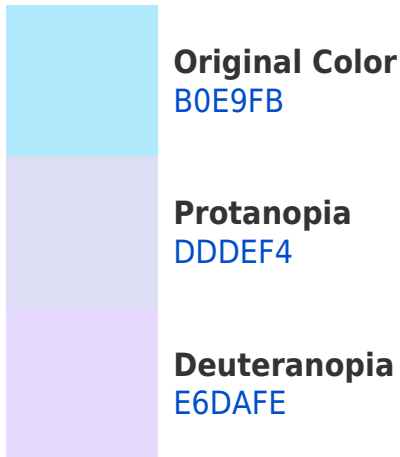


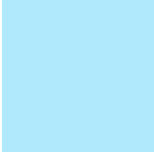
This preview shows how white text looks on a background with the Hex color B0E9FB.

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](#).

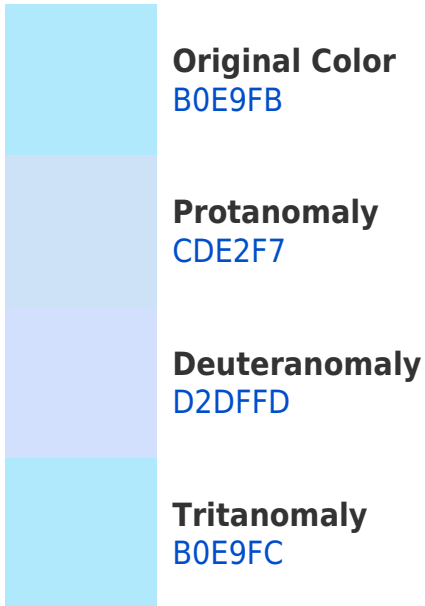
Dichromacy



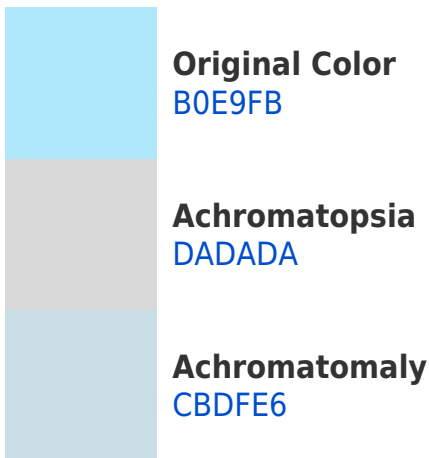


Tritanopia
B0E9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E9FB 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 #B0E9FB looks like.

```
.text, #text, p{  
    color:#B0E9FB  
}
```

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 #B0E9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E9FB
}
```

Border

The CSS property to change the border of an element to Hex B0E9FB 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
#B0E9FB }
```

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

```
.border{ border-color:#B0E9FB }
```

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

Here you see how a box with a 4 pixel #B0E9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E9FB; -webkit-box-shadow:4px 4px  
4px 4px #B0E9FB; box-shadow:4px 4px 4px  
4px #B0E9FB }
```

Background

The CSS property to change the background color of an element to Hex B0E9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E9FB }
```

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

```
.background{ background-color:#B0E9FB }
```

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