

Converting Colors

Hex(B0E6FB)

Have a look what the booklet for
Hex(B0E6FB) contains.

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Color

Hex(B0E6FB)

Conversions

Conversions Part 1

Format	Color
Hex	B0E6FB
RGB	176, 230, 251
RGB Percent	69%, 90%, 98%
CMY	0.3098, 0.0980, 0.0157
CMYK	0.30, 0.08, 0.00, 0.02
HSL	197°, 90%, 84%
HSV	197°, 30%, 98%
XYZ	63.6139, 72.7888, 101.9636
YIQ	216.2480, -38.9250, -4.9170

Conversions

Conversions Part 2

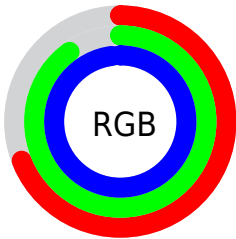
Format	Color
R _Y B	176, 207, 251
Decimal	11593467
CIE Lab	88.35, -12.41, -15.76
CIE LCh	88, 20.060, 231.788
Yxy	72.7888, 0.2669, 0.3054
Android (android.graphics.Color)	4289783547 (0xFFB0E6FB)
YUV	216.2480, 17.1327, -35.2975
Hunter-Lab	85.3163, -16.2097, -11.1375

Details

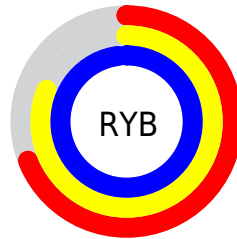
The Hex color **B0E6FB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBC5B0**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **E9FFFF**, and **79AEC2** is the 20% darker color. If you saturate the color by 10%, you get **97DFFB**, and if you desaturate by 10%, it is **C9EDFB**.

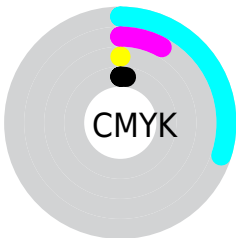
Distribution



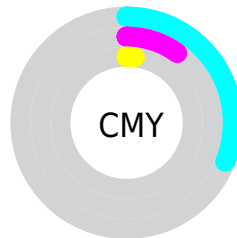
- Red (69%)
- Green (90%)
- Blue (98%)



- Red (69%)
- Yellow (81%)
- Blue (98%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E6FB 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 B0E6FB by changing the saturation by 10% instead.

 B0E6FB

FFFFFF

 E9FFFF

 B0E6FB

 94CADE

 79AEC2

 5F94A7

 447A8D

 296173

 05495B

 003343

 001E2D

 000119

 B0E6FB

 B0E6FB

 97DFFB

 C9EDFB

 7ED8FB

 E2F4FB

 65D1FB

 FBF6FB

 4CCAFB

 FFFFFB

 33C3FB

 19BCFB

 00B5FB

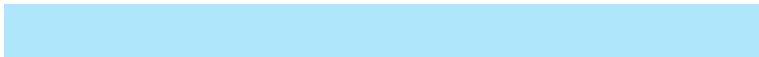
Harmonies

Analogous

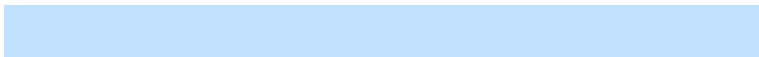
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABE9EB



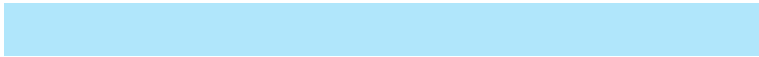
B0E6FB



C2E1FF

Triad

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



B0E6FB



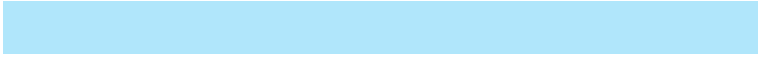
FFD1E4



DEE1BA

Complementary

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



B0E6FB



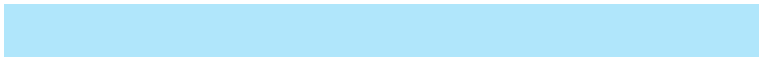
FBC5B0

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.



F2DBB8



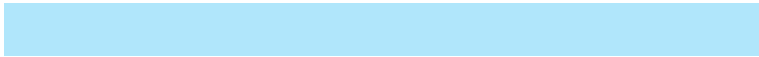
B0E6FB



FFD1D0

Square

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



B0E6FB



F2D5F6



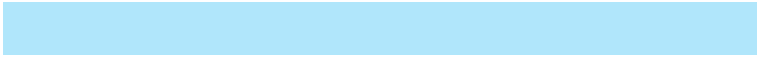
FFD5C0



C8E6C6

Rectangle

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



B0E6FB



D2DDFF



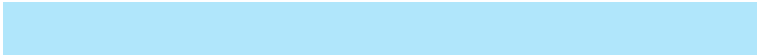
FFD5C0



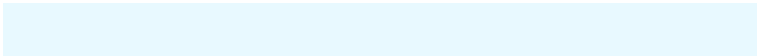
E5DFB8

Sweetspot

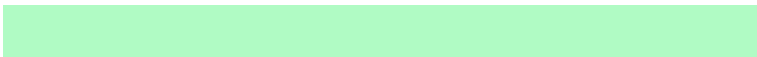
The Sweet Spot groups the original color and five complimentary colors.



B0E6FB



E8F9FF



B0FBC4



717C80



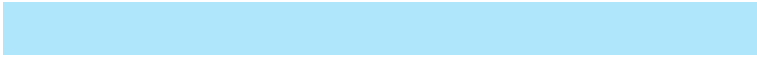
000000



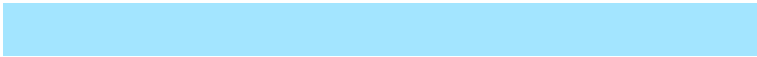
808080

Same Dimension

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



B0E6FB



A3E5FF



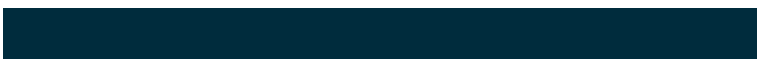
B0C2FB



70797D



0088BD



002C3D

Inverse Universe

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



FBB0E6



FFA3E5



FBE9B0



7D7079



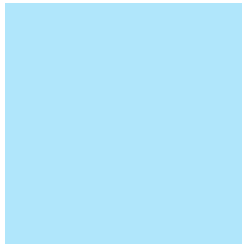
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color B0E6FB looks on a white background.

Color Contrast Check

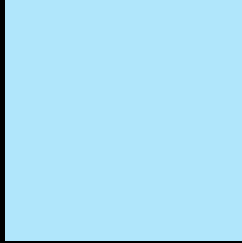
Large Text (above 18pt) WCAG AA × Fail

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 B0E6FB 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 B0E6FB Background



This preview shows how black text looks on a background with the Hex color B0E6FB.

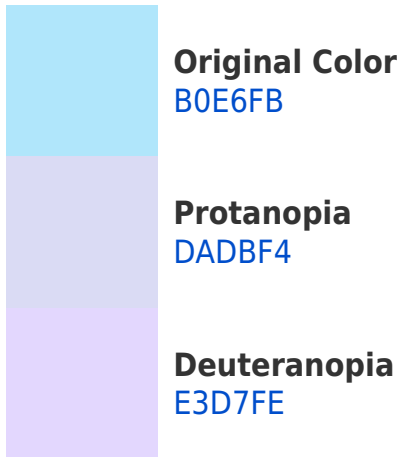


This preview shows how white text looks on a background with the Hex color B0E6FB.

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



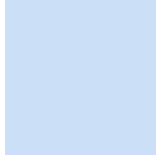


Tritanopia
B0E6F9

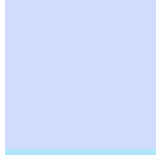
Trichromacy



Original Color
B0E6FB



Protanomaly
CBDFF7

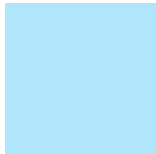


Deuteranomaly
D0DCFD

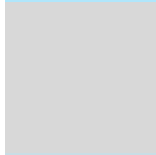


Tritanomaly
B0E6FA

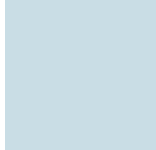
Monochromacy



Original Color
B0E6FB



Achromatopsia
D8D8D8



Achromatomaly
C9DDE5

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E6FB 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 #B0E6FB looks like.

```
.text, #text, p{  
    color:#B0E6FB  
}
```

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 #B0E6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E6FB
}
```

Border

The CSS property to change the border of an element to Hex B0E6FB 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
#B0E6FB }
```

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

```
.border{ border-color:#B0E6FB }
```

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

Here you see how a box with a 4 pixel #B0E6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E6FB; -webkit-box-shadow:4px 4px  
4px 4px #B0E6FB; box-shadow:4px 4px 4px  
4px #B0E6FB }
```

Background

The CSS property to change the background color of an element to Hex B0E6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E6FB }
```

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

```
.background{ background-color:#B0E6FB }
```

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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