

Converting Colors

Hex(B0E6FA)

Have a look what the booklet for
Hex(B0E6FA) contains.

Hex(B0E6FA)	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(B0E6FA)

Conversions

Conversions Part 1

Format	Color
Hex	B0E6FA
RGB	176, 230, 250
RGB Percent	69%, 90%, 98%
CMY	0.3098, 0.0980, 0.0196
CMYK	0.30, 0.08, 0.00, 0.02
HSL	196°, 88%, 84%
HSV	196°, 30%, 98%
XYZ	63.4566, 72.7259, 101.1355
YIQ	216.1340, -38.6040, -5.2280

Conversions

Conversions Part 2

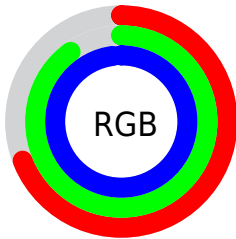
Format	Color
R_{YB}	176, 207, 250
Decimal	11593466
CIE _{Lab}	88.32, -12.64, -15.28
CIE _{LCh}	88, 19.832, 230.406
Yxy	72.7259, 0.2674, 0.3064
Android (android.graphics.Color)	4289783546 (0xFFB0E6FA)
YUV	216.1340, 16.6959, -35.1975
Hunter-Lab	85.2795, -16.4168, -10.6182

Details

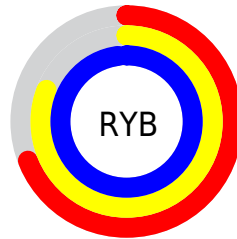
The Hex color **B0E6FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAC4B0**, and the grayscale version is **D8D8D8**.

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 **97DFFA**, and if you desaturate by 10%, it is **C9EDFA**.

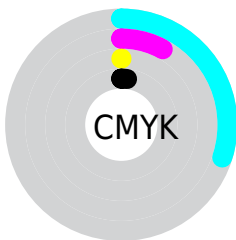
Distribution



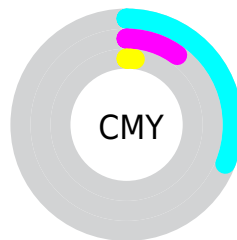
- Red (69%)
- Green (90%)
- Blue (98%)



- 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 B0E6FA 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 B0E6FA by changing the saturation by 10% instead.

 B0E6FA

 B0E6FA

FFFFFF

 94CADD

 E9FFFF

 79AEC2

 5F94A6

 447A8C

 296172

 06495A

 003342

 001E2C

 000118

 B0E6FA

 B0E6FA

 97DFFA

 C9EDFA

 7ED8FA

 E2F4FA

 65D2FA

 FBFAFA

 4CCBFA

 FFFFFA

 33C4FA

 1ABDFA

 01B7FA

 00B6FA

Harmonies

Analogous

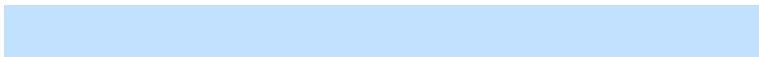
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACE9EA



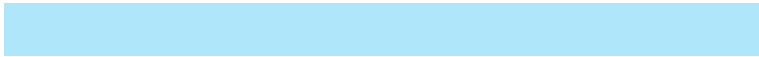
B0E6FA



C1E1FF

Triad

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



B0E6FA



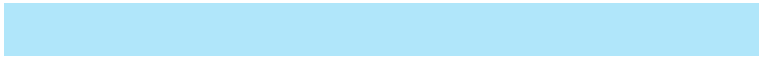
FFD1E4



DFE0BA

Complementary

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



B0E6FA



FAC4B0

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.



F3DAB9



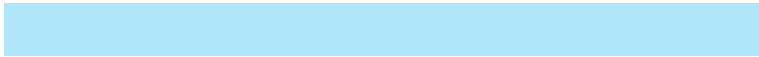
B0E6FA



FFD1D1

Square

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



B0E6FA



F0D5F6



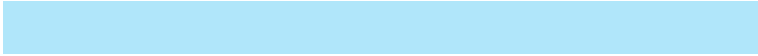
FFD4C1



C9E5C5

Rectangle

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



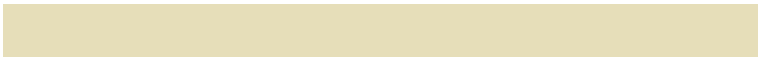
B0E6FA



D1DDFF



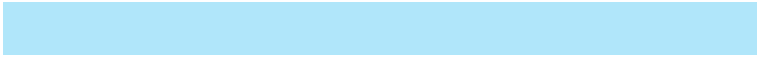
FFD4C1



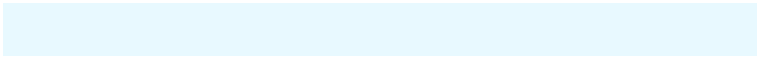
E6DEB9

Sweetspot

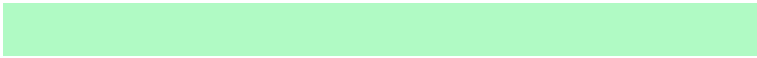
The Sweet Spot groups the original color and five complimentary colors.



B0E6FA



E8F9FF



B0FAC4



717C80



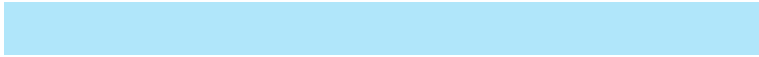
000000



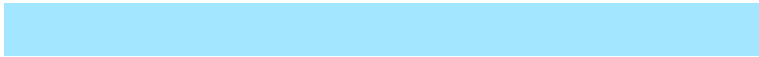
808080

Same Dimension

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



B0E6FA



A3E6FF



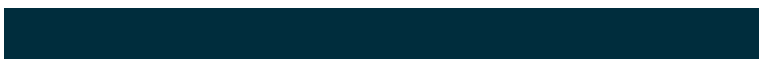
B0C1FA



707A7D



008ABD



002D3D

Inverse Universe

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



FAB0E6



FFA3E6



FAE9B0



7D707A



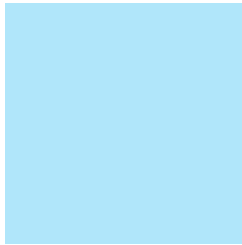
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color B0E6FA looks on a white background.

Color Contrast Check

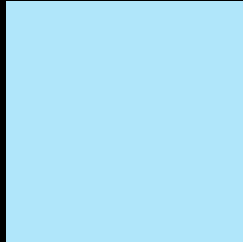
Large Text (above 18pt) WCAG AA × Fail

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 B0E6FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

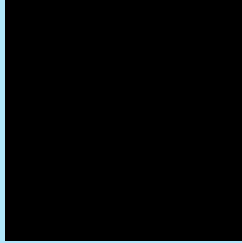
Any Text WCAG AA ✓ Pass

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 B0E6FA Background



This preview shows how black text looks on a background with the Hex color B0E6FA.

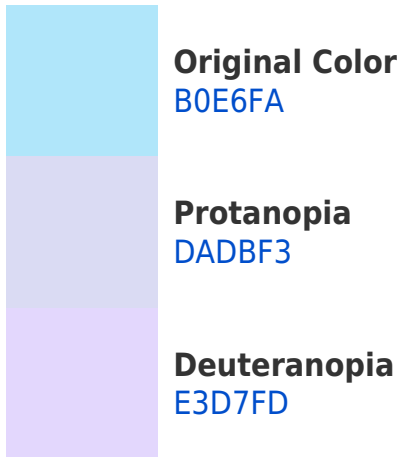


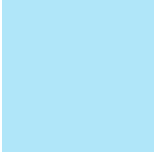
This preview shows how white text looks on a background with the Hex color B0E6FA.

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](#).

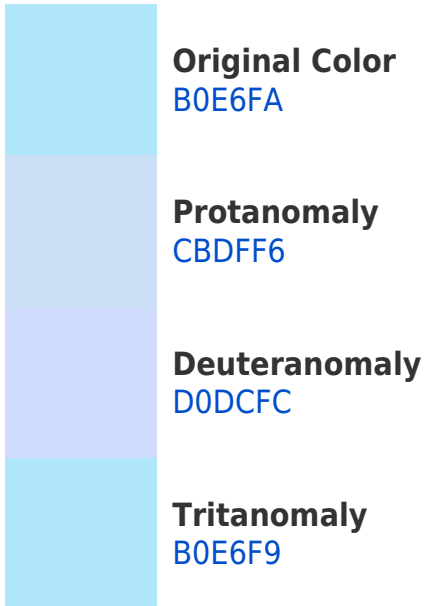
Dichromacy



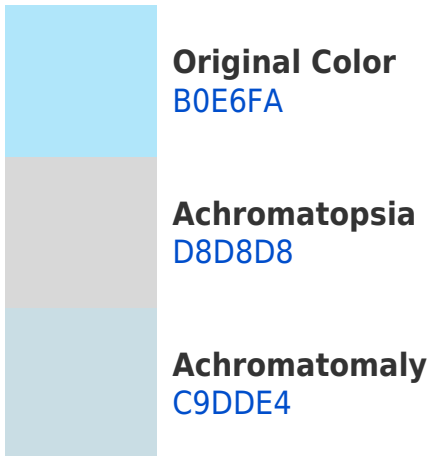


Tritanopia
B0E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E6FA 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 #B0E6FA looks like.

```
.text, #text, p{  
    color:#B0E6FA  
}
```

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 #B0E6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E6FA
}
```

Border

The CSS property to change the border of an element to Hex B0E6FA 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
#B0E6FA }
```

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

```
.border{ border-color:#B0E6FA }
```

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

Here you see how a box with a 4 pixel #B0E6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E6FA; -webkit-box-shadow:4px 4px  
4px 4px #B0E6FA; box-shadow:4px 4px 4px  
4px #B0E6FA }
```

Background

The CSS property to change the background color of an element to Hex B0E6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E6FA }
```

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

```
.background{ background-color:#B0E6FA }
```

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