

Converting Colors

Hex(B0E9F8)

Have a look what the booklet for
Hex(B0E9F8) contains.

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Color

Hex(B0E9F8)

Conversions

Conversions Part 1

Format	Color
Hex	B0E9F8
RGB	176, 233, 248
RGB Percent	69%, 91%, 97%
CMY	0.3098, 0.0863, 0.0275
CMYK	0.29, 0.06, 0.00, 0.03
HSL	192°, 84%, 83%
HSV	192°, 29%, 97%
XYZ	63.9867, 74.2852, 99.7730
YIQ	217.6670, -38.7870, -7.4190

Conversions

Conversions Part 2

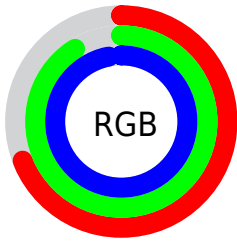
Format	Color
RYB	176, 208, 248
Decimal	11594232
CIELab	89.06, -14.62, -13.13
CIElCh	89, 19.646, 221.922
Yxy	74.2852, 0.2688, 0.3121
Android (android.graphics.Color)	4289784312 (0xFFB0E9F8)
YUV	217.6670, 14.9542, -36.5420
Hunter-Lab	86.1889, -18.3120, -8.3024

Details

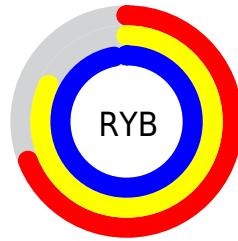
The Hex color **B0E9F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8BFB0**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **E9FFFF**, and **79B1C0** is the 20% darker color. If you saturate the color by 10%, you get **97E4F8**, and if you desaturate by 10%, it is **C9EEF8**.

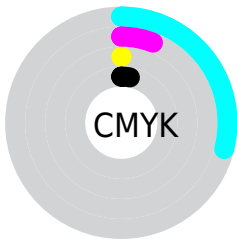
Distribution



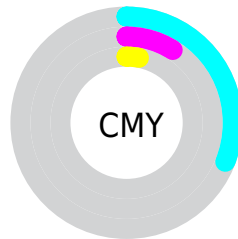
- Red (69%)
- Green (91%)
- Blue (97%)



- Red (69%)
- Yellow (82%)
- Blue (97%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E9F8 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 B0E9F8 by changing the saturation by 10% instead.

 B0E9F8

FFFFFF

 E9FFFF

 B0E9F8

 94CDD8

 79B1C0

 5F97A5

 447D8A

 296471

 064C58

 003541

 00202B

 000117

 B0E9F8

 B0E9F8

 97E4F8

 C9EEF8

 7EDFF8

 E2F3F8

 66DAF8

 FAF9F8

 4DD4F8

 FFFEF8

 34CFF8

 FFFFF8

 1BCAF8

 02C5F8

 00C4F8

Harmonies

Analogous

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



B0EBE7



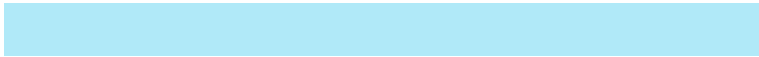
B0E9F8



BEE5FF

Triad

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



B0E9F8



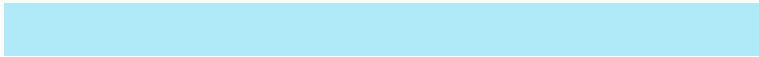
FFD4EC



E7E1BB

Complementary

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



B0E9F8



F8BF80

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.



F9DBBD



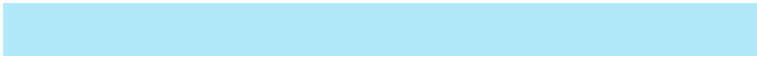
B0E9F8



FFD3D9

Square

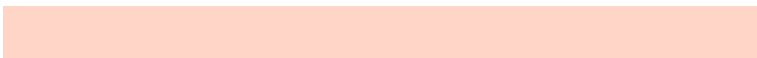
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0E9F8



ECD9FC



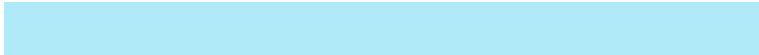
FFD5C7



D1E6C3

Rectangle

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



B0E9F8



CCE1FF



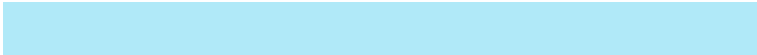
FFD5C7



EDDFBA

Sweetspot

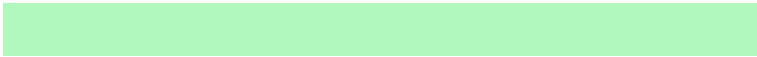
The Sweet Spot groups the original color and five complimentary colors.



B0E9F8



E8FAFF



B0F8BE



717D80



000000



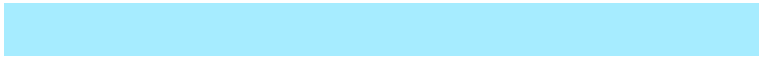
808080

Same Dimension

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



B0E9F8



A6ECFF



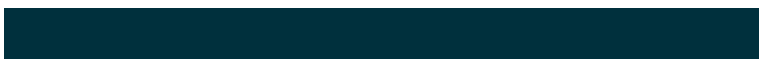
B0C6F8



707A7D



0095BD



00303D

Inverse Universe

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



F8B0E9



FFA6EC



F8E2B0



7D707A



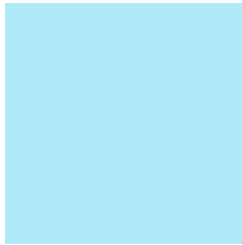
BD0095



3D0030

Previews

White Background



This preview shows how the Hex color B0E9F8 looks on a white background.

Color Contrast Check

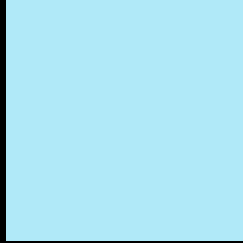
Large Text (above 18pt) WCAG AA × Fail

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 B0E9F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

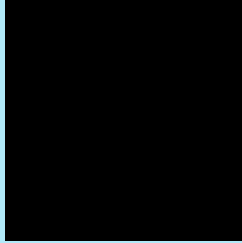
Any Text WCAG AA ✓ Pass

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 B0E9F8 Background



This preview shows how black text looks on a background with the Hex color B0E9F8.

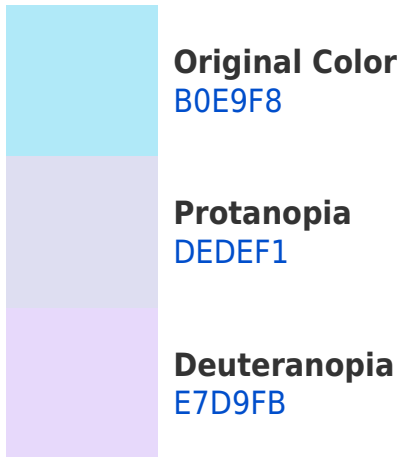


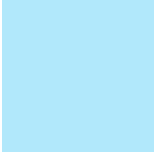
This preview shows how white text looks on a background with the Hex color B0E9F8.

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](#).

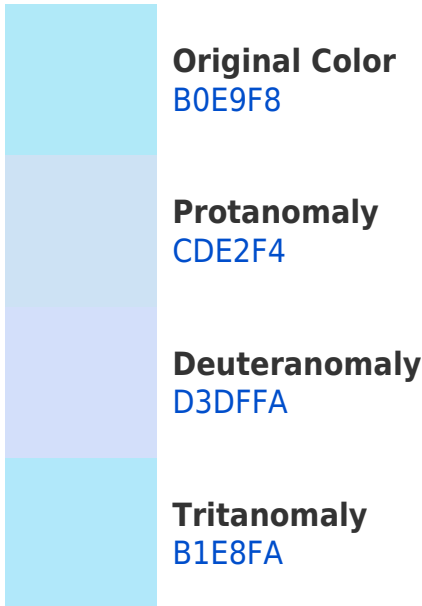
Dichromacy



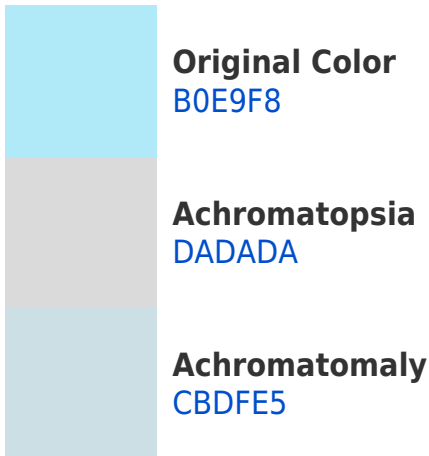


Tritanopia
B1E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E9F8 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 #B0E9F8 looks like.

```
.text, #text, p{  
    color:#B0E9F8  
}
```

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 #B0E9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E9F8
}
```

Border

The CSS property to change the border of an element to Hex B0E9F8 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
#B0E9F8 }
```

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

```
.border{ border-color:#B0E9F8 }
```

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

Here you see how a box with a 4 pixel #B0E9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E9F8; -webkit-box-shadow:4px 4px  
4px 4px #B0E9F8; box-shadow:4px 4px 4px  
4px #B0E9F8 }
```

Background

The CSS property to change the background color of an element to Hex B0E9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E9F8 }
```

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

```
.background{ background-color:#B0E9F8 }
```

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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