

Converting Colors

Hex(B0EBFF)

Have a look what the booklet for
Hex(B0EBFF) contains.

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Color

Hex(B0EBFF)

Conversions

Conversions Part 1

Format	Color
Hex	B0EBFF
RGB	176, 235, 255
RGB Percent	69%, 92%, 100%
CMY	0.3098, 0.0784, 0.0000
CMYK	0.31, 0.08, 0.00, 0.00
HSL	195°, 100%, 85%
HSV	195°, 31%, 100%
XYZ	65.6628, 75.8668, 105.7907
YIQ	219.6390, -41.5840, -6.2880

Conversions

Conversions Part 2

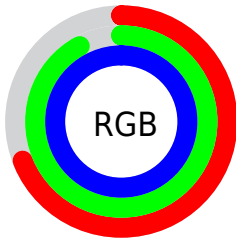
Format	Color
R _Y B	176, 210, 255
Decimal	11594751
CIE Lab	89.80, -14.02, -15.68
CIE LCh	90, 21.030, 228.207
Yxy	75.8668, 0.2655, 0.3068
Android (android.graphics.Color)	4289784831 (0xFFB0EBFF)
YUV	219.6390, 17.4330, -38.2714
Hunter-Lab	87.1015, -17.8627, -11.0406

Details

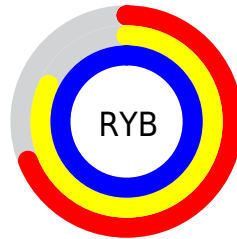
The Hex color **B0EBFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC4B0**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **E9FFFF**, and **79B3C6** is the 20% darker color. If you saturate the color by 10%, you get **96E5FF**, and if you desaturate by 10%, it is **CAF1FF**.

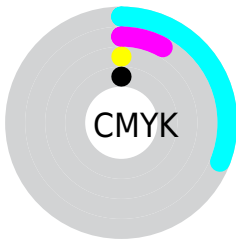
Distribution



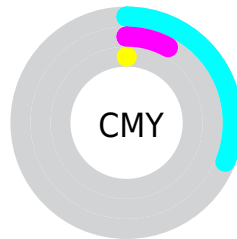
- Red (69%)
- Green (92%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0EBFF 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 B0EBFF by changing the saturation by 10% instead.

 B0EBFF

 B0EBFF

FFFFFF

 94CFE2

 E9FFFF

 79B3C6

 5E98AB

 437E90

 276577

 004D5E

 003646

 002130

 00011C

 B0EBFF

 B0EBFF

 96E5FF

 CAF1FF

 7DDEFF

 E3F8FF

 63D8FF

 FDFEFF

 4AD1FF

 FFFFFFFF

 31CBFF

 17C4FF

 00BEFF

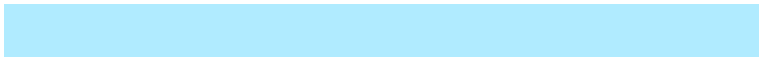
Harmonies

Analogous

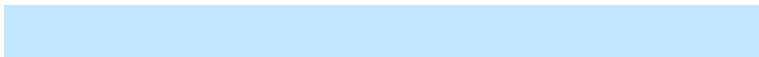
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADEDEE



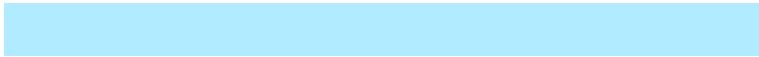
B0EBFF



C2E6FF

Triad

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



B0EBFF



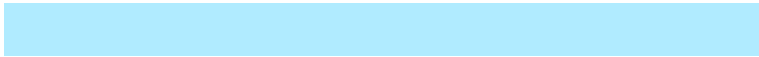
FFD5EB



E5E4BC

Complementary

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



B0EBFF



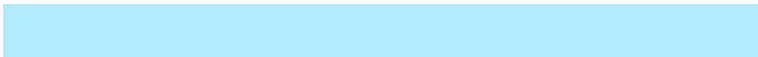
FFC4B0

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.



F9DEBB



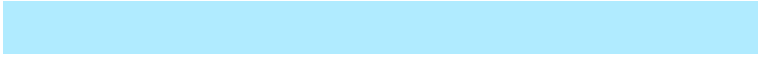
B0EBFF



FFD4D6

Square

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



B0EBFF



F4D9FD



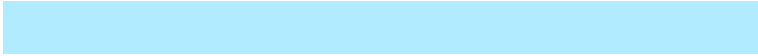
FFD8C5



CDEAC7

Rectangle

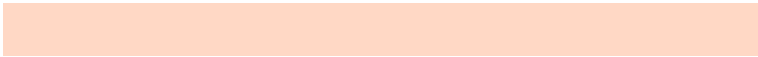
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0EBFF



D2E2FF



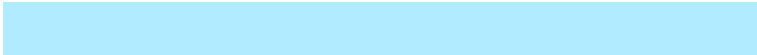
FFD8C5



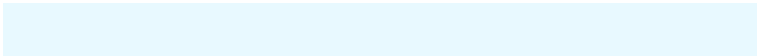
ECE2BA

Sweetspot

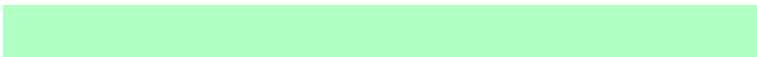
The Sweet Spot groups the original color and five complimentary colors.



B0EBFF



E8F9FF



B0FFC4



717C80



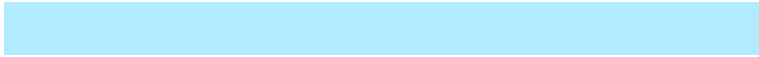
000000



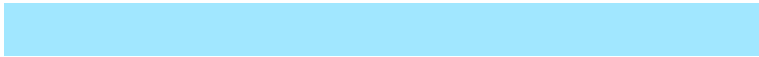
808080

Same Dimension

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



B0EBFF



A1E7FF



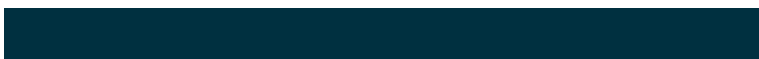
B0C4FF



737C80



008FBF



003040

Inverse Universe

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



FFB0EB



FFA1E7



FFEBB0



80737C



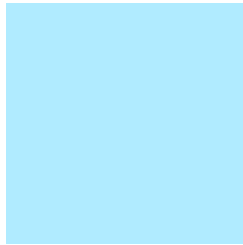
BF008F



400030

Previews

White Background



This preview shows how the Hex color B0EBFF looks on a white background.

Color Contrast Check

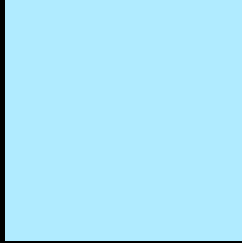
Large Text (above 18pt) WCAG AA × Fail

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 B0EBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

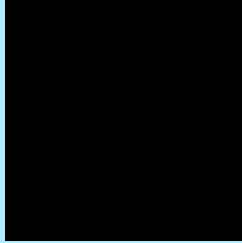
Any Text WCAG AA ✓ Pass

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 B0EBFF Background



This preview shows how black text looks on a background with the Hex color B0EBFF.



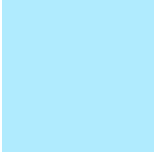
This preview shows how white text looks on a background with the Hex color B0EBFF.

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](#).

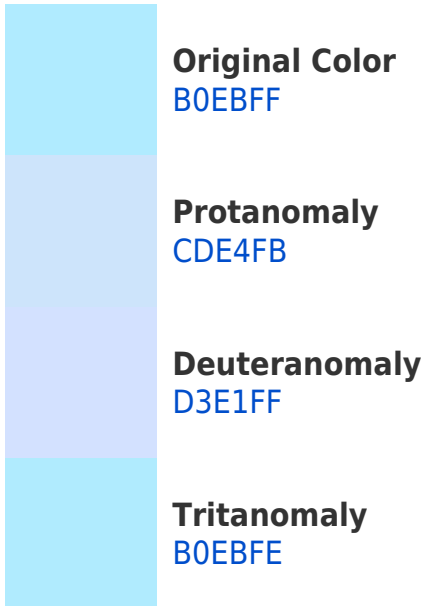
Dichromacy



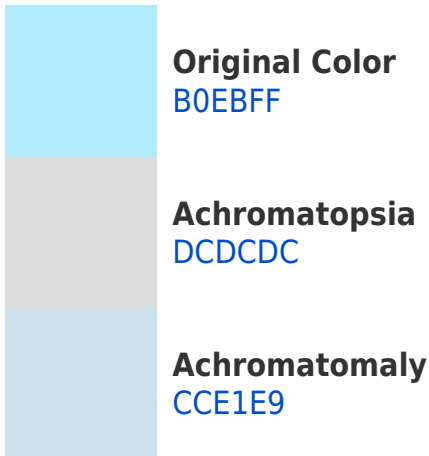


Tritanopia
B0EBFE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0EBFF 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 #B0EBFF looks like.

```
.text, #text, p{  
    color:#B0EBFF  
}
```

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 #B0EBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0EBFF
}
```

Border

The CSS property to change the border of an element to Hex B0EBFF 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
#B0EBFF }
```

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

```
.border{ border-color:#B0EBFF }
```

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

Here you see how a box with a 4 pixel #B0EBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0EBFF; -webkit-box-shadow:4px 4px  
4px 4px #B0EBFF; box-shadow:4px 4px 4px  
4px #B0EBFF }
```

Background

The CSS property to change the background color of an element to Hex B0EBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0EBFF }
```

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

```
.background{ background-color:#B0EBFF }
```

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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