

# Converting Colors

Hex(B1EBFB)

Have a look what the booklet for  
Hex(B1EBFB) contains.

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# **Color**

**Hex(B1EBFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1EBFB
RGB	177, 235, 251
RGB Percent	69%, 92%, 98%
CMY	0.3059, 0.0784, 0.0157
CMYK	0.29, 0.06, 0.00, 0.02
HSL	193°, 90%, 84%
HSV	193°, 29%, 98%
XYZ	65.2524, 75.7288, 102.4447
YIQ	219.4820, -39.7040, -7.3200

# Conversions

## Conversions Part 2

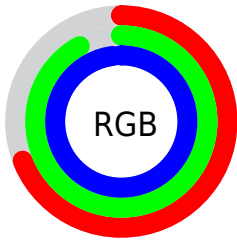
Format	Color
<b>RYB</b>	177, 210, 251
Decimal	11660283
CIELab	89.73, -14.66, -13.68
CIELCh	90, 20.052, 223.014
Yxy	75.7288, 0.2681, 0.3111
Android (android.graphics.Color)	4289850363 (0xFFB1EBFB)
YUV	219.4820, 15.5384, -37.2567
Hunter-Lab	87.0223, -18.4435, -8.8820

# Details

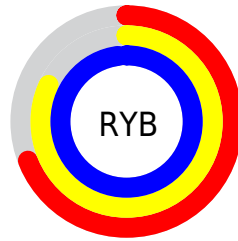
The Hex color **B1EBFB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBC1B1**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EAFFFF**, and **7AB3C2** is the 20% darker color. If you saturate the color by 10%, you get **98E6FB**, and if you desaturate by 10%, it is **CAF0FB**.

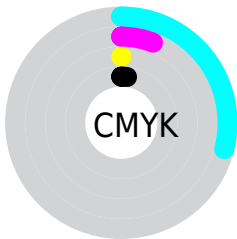
# Distribution



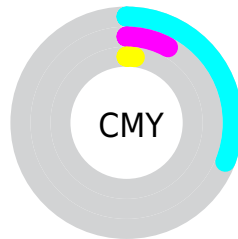
- Red (69%)
- Green (92%)
- Blue (98%)



- Red (69%)
- Yellow (82%)
- Blue (98%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (8%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1EBFB 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 B1EBFB by changing the saturation by 10% instead.



 B1EBFB

 B1EBFB

FFFFFF

 95CFDE

 EAFFFF

 7AB3C2

 5F98A7

 457E8D

 296573

 064D5B

 003643

 00212D

 000119

 B1EBFB

 B1EBFB

 98E6FB

 CAF0FB

 7FE0FB

 E3F6FB

 66DBFB

 FCFBFB

 4DD5FB

 FFFFFB

 34D0FB

 1ACAFB

 01C5FB

 00C5FB

# Harmonies

## Analogous

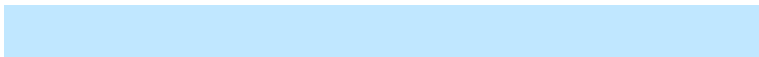
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1EDE9



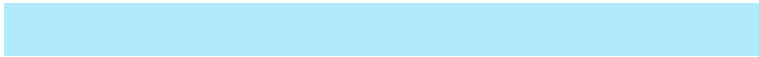
B1EBFB



C0E7FF

# Triad

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



B1EBFB



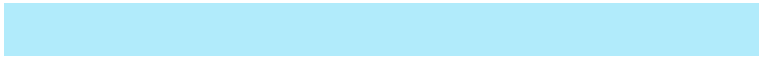
FFD6ED



E8E3BC

# Complementary

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



B1EBFB



FBC1B1

# 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.



FBDDBD



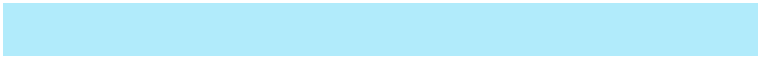
B1EBFB



FFD4DA

# Square

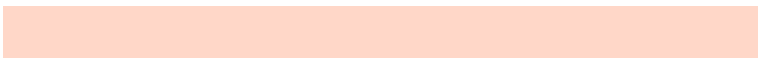
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1EBFB



EFD4FE



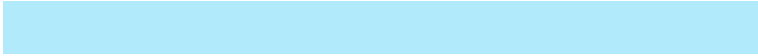
FFD7C8



D2E8C5

# Rectangle

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



**B1EBFB**



**CFE3FF**



**FFD7C8**

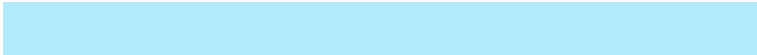


**EFE1BC**

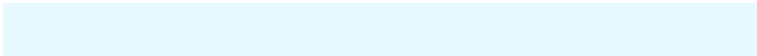


# Sweetspot

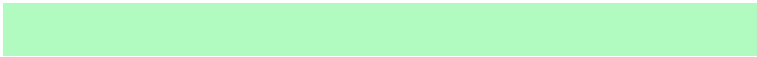
The Sweet Spot groups the original color and five complimentary colors.



B1EBFB



E8FAFF



B1FBC0



717C80



000000

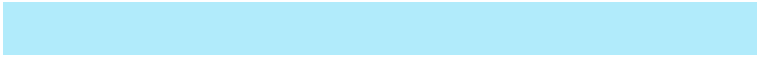


808080

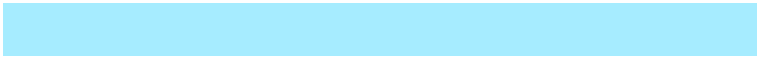


# Same Dimension

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



B1EBFB



A6ECFF



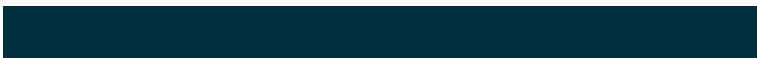
B1C7FB



707A7D



0094BD



00303D



# Inverse Universe

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



FBB1EB



FFA6EC



FBE5B1



7D707A



BD0094

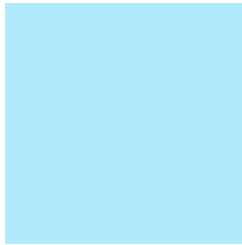


3D0030



# Previews

## White Background



This preview shows how the Hex color B1EBFB looks on a white background.

## Color Contrast Check

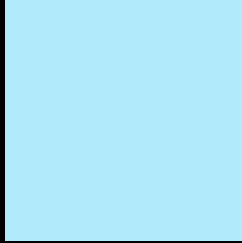
Large Text (above 18pt) WCAG AA × Fail

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 B1EBFB 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 B1EBFB Background



This preview shows how black text looks on a background with the Hex color B1EBFB.



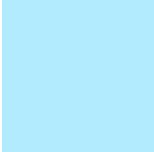
This preview shows how white text looks on a background with the Hex color B1EBFB.

# 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](#).

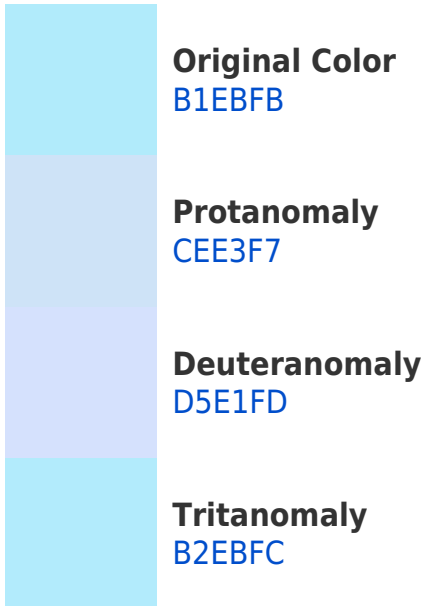
## Dichromacy



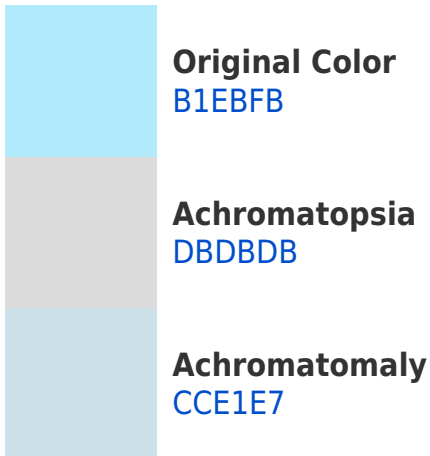


**Tritanopia**  
B2EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1EBFB 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 #B1EBFB looks like.

```
.text, #text, p{  
    color:#B1EBFB  
}
```

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 #B1EBFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EBFB
}
```

## Border

The CSS property to change the border of an element to Hex B1EBFB 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
#B1EBFB }
```

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

```
.border{ border-color:#B1EBFB }
```

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

Here you see how a box with a 4 pixel #B1EBFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EBFB; -webkit-box-shadow:4px 4px  
4px 4px #B1EBFB; box-shadow:4px 4px 4px  
4px #B1EBFB }
```

# Background

The CSS property to change the background color of an element to Hex B1EBFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EBFB }
```

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

```
.background{ background-color:#B1EBFB }
```

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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