

Converting Colors

Hex(B1EAFf)

Have a look what the booklet for
Hex(B1EAFB) contains.

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Color

Hex(B1EAFB)

Conversions

Conversions Part 1

Format	Color
Hex	B1EAFB
RGB	177, 234, 255
RGB Percent	69%, 92%, 100%
CMY	0.3059, 0.0824, 0.0000
CMYK	0.31, 0.08, 0.00, 0.00
HSL	196°, 100%, 85%
HSV	196°, 31%, 100%
XYZ	65.6043, 75.4127, 105.7061
YIQ	219.3510, -40.7130, -5.5530

Conversions

Conversions Part 2

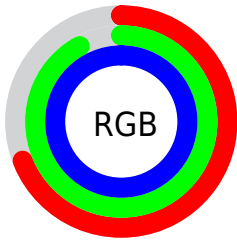
Format	Color
R_{YB}	177, 210, 255
Decimal	11660031
CIE _{Lab}	89.59, -13.24, -15.99
CIE _{LCh}	90, 20.758, 230.387
Yxy	75.4127, 0.2659, 0.3057
Android (android.graphics.Color)	4289850111 (0xFFB1E AFF)
YUV	219.3510, 17.5750, -37.1418
Hunter-Lab	86.8405, -17.1218, -11.3821

Details

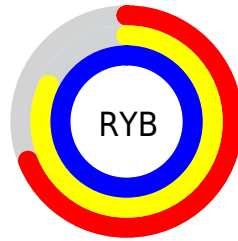
The Hex color **B1E AFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC6B1**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E AFFFF**, and **7AB2C6** is the 20% darker color. If you saturate the color by 10%, you get **97E3FF**, and if you desaturate by 10%, it is **CBF1FF**.

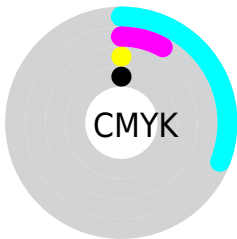
Distribution



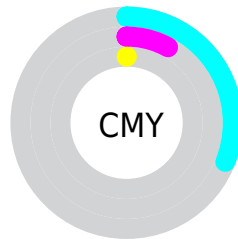
- Red (69%)
- Green (92%)
- Blue (100%)



- 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 B1EAFB 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 B1EAFB by changing the saturation by 10% instead.

 B1EAFB

 B1EAFB

FFFFFF

 95CEE2

 EAFFFF

 7AB2C6

 5F97AB

 447E90

 296577

 034D5E

 003646

 002030

 00011C

 B1EAFF

 B1EAFF

 97E3FF

 CBF1FF

 7EDCFF

 E4F8FF

 64D5FF

 FEFFFF

 4BCFFF

 FFFFFFFF

 31C8FF

 18C1FF

 00BAFF

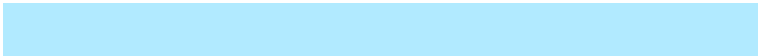
Harmonies

Analogous

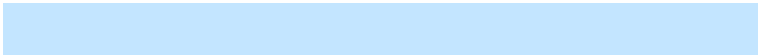
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADEDEE



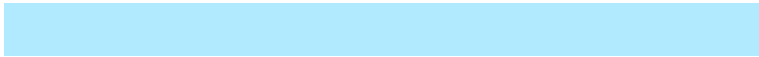
B1EAFF



C3E5FF

Triad

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



B1EAFB



FFD4E8



E2E4BC

Complementary

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



B1EAFB



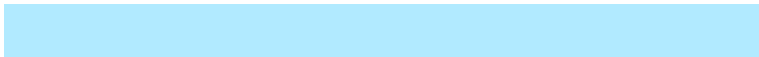
FFC6B1

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.



F7DEBA



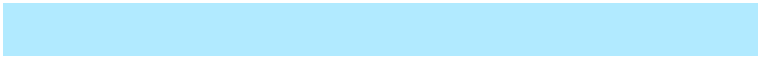
B1EAFB



FFD4D4

Square

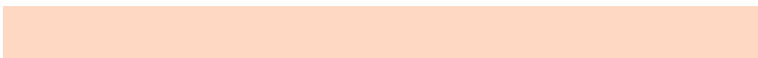
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1EAFB



F5D8FB



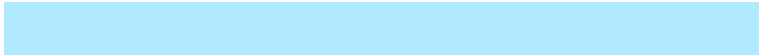
FFD8C3



CCE9C7

Rectangle

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



B1EAFB



D4E1FF



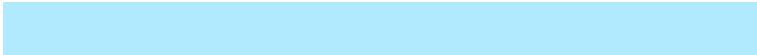
FFD8C3



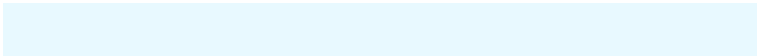
EAE2BA

Sweetspot

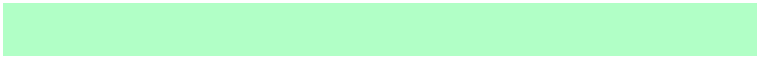
The Sweet Spot groups the original color and five complimentary colors.



B1EAFB



E8F9FF



B1FFC6



717C80



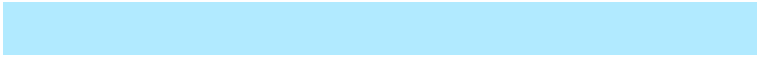
000000



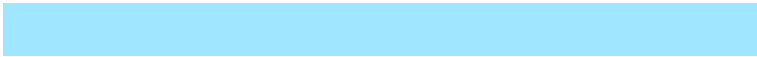
808080

Same Dimension

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



B1EAFB



A1E6FB



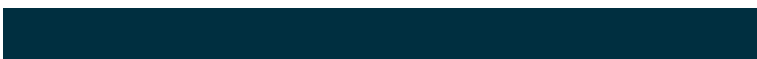
B1C3FB



737C80



008CBF



002F40

Inverse Universe

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



FFB1EA



FFA1E6



FFEDB1



80737C



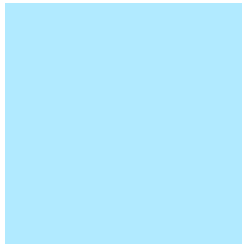
BF008C



40002F

Previews

White Background



This preview shows how the Hex color B1EAF7 looks on a white background.

Color Contrast Check

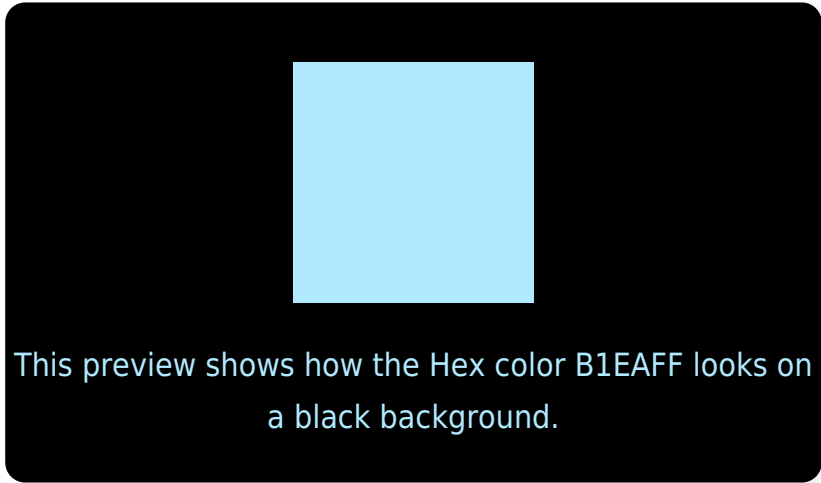
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B1EAFB Background



This preview shows how black text looks on a background with the Hex color B1EAFB.

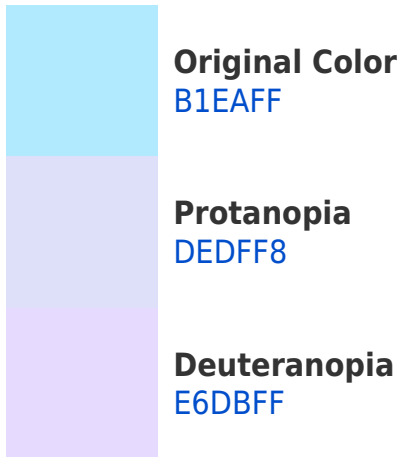


This preview shows how white text looks on a background with the Hex color B1EAFB.

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



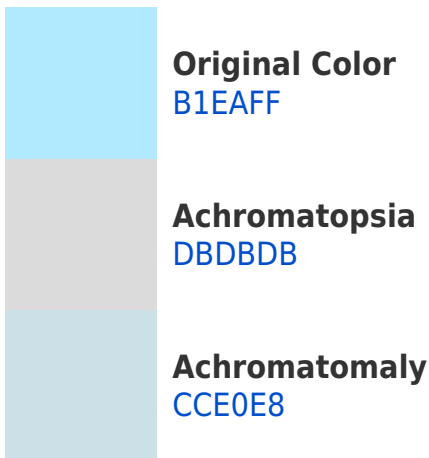


Tritanopia
B1EAFD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1EAFB 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 #B1EAFB looks like.

```
.text, #text, p{  
    color:#B1EAFB  
}
```

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 #B1EAFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EAFB  
}
```

Border

The CSS property to change the border of an element to Hex B1EAFB 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  
#B1EAFB }
```

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

```
.border{ border-color:#B1EAFf }
```

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

Here you see how a box with a 4 pixel #B1EAFf colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EAFf; -webkit-box-shadow:4px 4px  
4px 4px #B1EAFf; box-shadow:4px 4px 4px  
4px #B1EAFf }
```

Background

The CSS property to change the background color of an element to Hex B1EAFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EAFB }
```

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

```
.background{ background-color:#B1EAFB }
```

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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