

Converting Colors

Hex(B1E9FE)

Have a look what the booklet for
Hex(B1E9FE) contains.

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Color

Hex(B1E9FE)

Conversions

Conversions Part 1

Format	Color
Hex	B1E9FE
RGB	177, 233, 254
RGB Percent	69%, 91%, 100%
CMY	0.3059, 0.0863, 0.0039
CMYK	0.30, 0.08, 0.00, 0.00
HSL	196°, 97%, 85%
HSV	196°, 30%, 100%
XYZ	65.1598, 74.7807, 104.7658
YIQ	218.6500, -40.1170, -5.3410

Conversions

Conversions Part 2

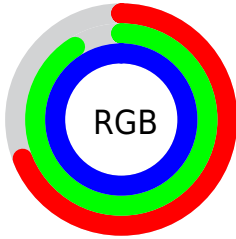
Format	Color
R _Y B	177, 209, 254
Decimal	11659774
CIE Lab	89.29, -12.96, -15.91
CIE LCh	89, 20.522, 230.837
Yxy	74.7807, 0.2663, 0.3056
Android (android.graphics.Color)	4289849854 (0xFFB1E9FE)
YUV	218.6500, 17.4276, -36.5270
Hunter-Lab	86.4758, -16.8325, -11.2970

Details

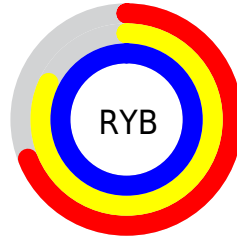
The Hex color **B1E9FE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEC6B1**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EAFFFF**, and **7AB1C5** is the 20% darker color. If you saturate the color by 10%, you get **98E2FE**, and if you desaturate by 10%, it is **CAF0FE**.

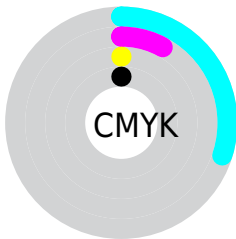
Distribution



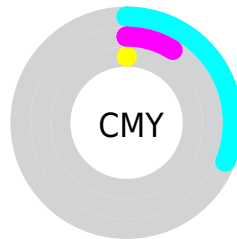
- Red (69%)
- Green (91%)
- Blue (100%)



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



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E9FE 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 B1E9FE by changing the saturation by 10% instead.

 B1E9FE

FFFFFF

 EAFFFF

 B1E9FE

 95CDE1

 7AB1C5

 5F97AA

 457D90

 296476

 044C5D

 003546

 00202F

 00011B

 B1E9FE

 B1E9FE

 98E2FE

 CAF0FE

 7EDBFE

 E4F7FE

 65D4FE

 FDFEFE

 4BCDFE

 FFFFFE

 32C6FE

 19BFFE

 00B9FE

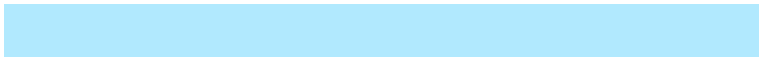
Harmonies

Analogous

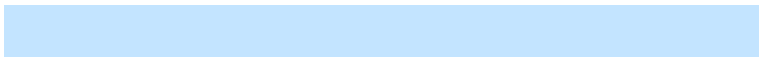
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADECEE



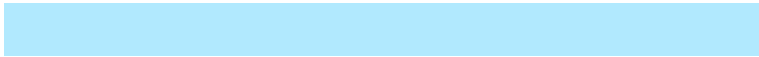
B1E9FE



C3E4FF

Triad

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



B1E9FE



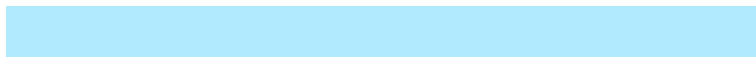
FFD3E7



E1E3BC

Complementary

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



B1E9FE



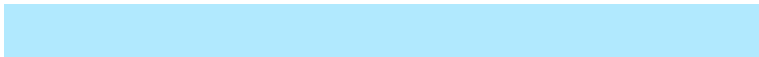
FEC6B1

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.



F6DDBA



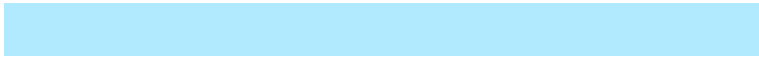
B1E9FE



FFD3D3

Square

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



B1E9FE



F4D7F9



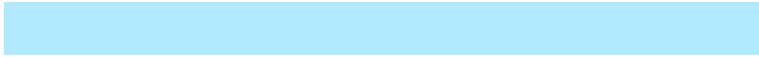
FFD7C3



CBE9C7

Rectangle

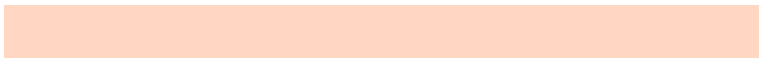
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1E9FE



D4E0FF



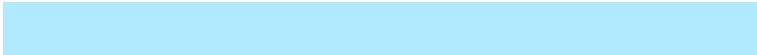
FFD7C3



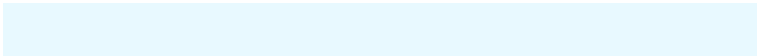
E8E1BA

Sweetspot

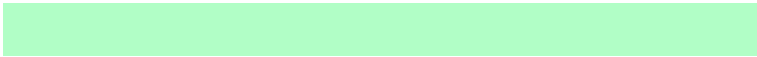
The Sweet Spot groups the original color and five complimentary colors.



B1E9FE



E8F9FF



B1FEC6



717C80



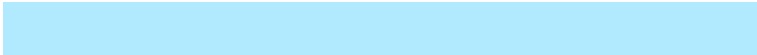
000000



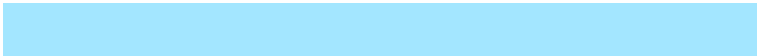
808080

Same Dimension

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



B1E9FE



A3E6FF



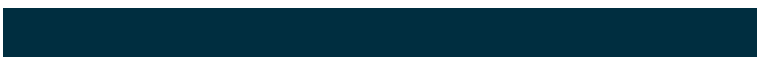
B1C3FE



737C80



008BBF



002E40

Inverse Universe

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



FEB1E9



FFA3E6



FE ECB1



80737C



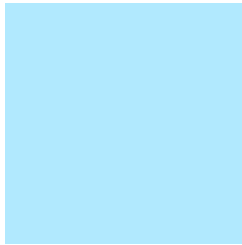
BF008B



40002E

Previews

White Background



This preview shows how the Hex color B1E9FE looks on a white background.

Color Contrast Check

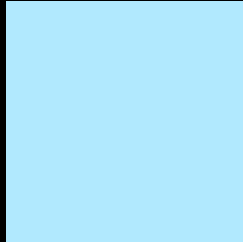
Large Text (above 18pt) WCAG AA × Fail

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 B1E9FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

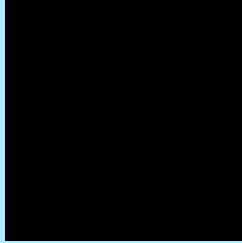
Any Text WCAG AA ✓ Pass

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 B1E9FE Background



This preview shows how black text looks on a background with the Hex color B1E9FE.

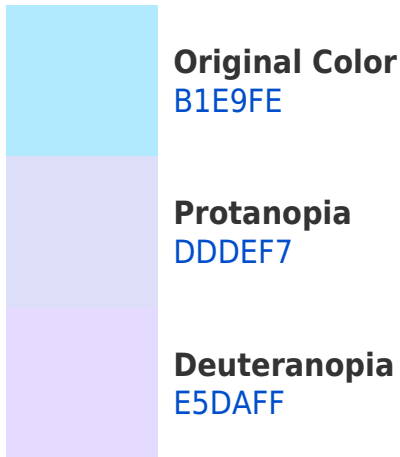


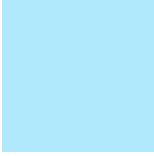
This preview shows how white text looks on a background with the Hex color B1E9FE.

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](#).

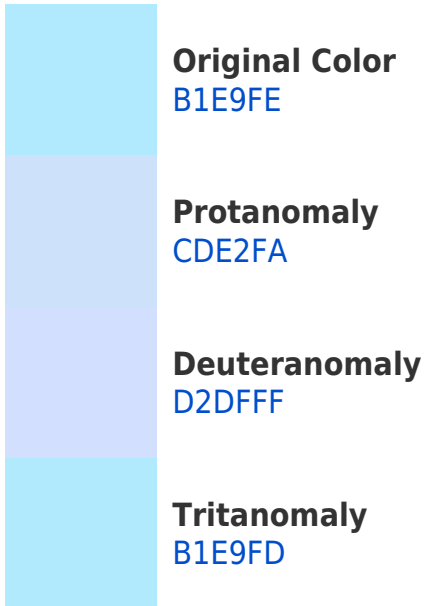
Dichromacy



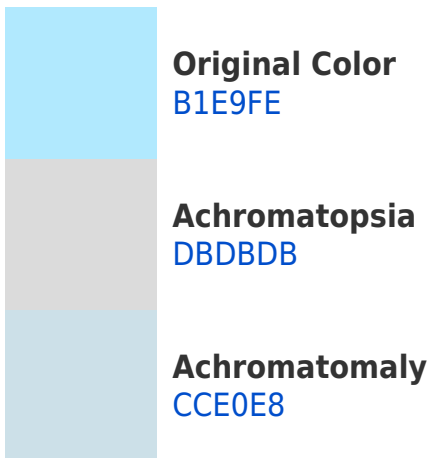


Tritanopia
B1E9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E9FE 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 #B1E9FE looks like.

```
.text, #text, p{  
    color:#B1E9FE  
}
```

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 #B1E9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E9FE
}
```

Border

The CSS property to change the border of an element to Hex B1E9FE 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
#B1E9FE }
```

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

```
.border{ border-color:#B1E9FE }
```

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

Here you see how a box with a 4 pixel #B1E9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E9FE; -webkit-box-shadow:4px 4px  
4px 4px #B1E9FE; box-shadow:4px 4px 4px  
4px #B1E9FE }
```

Background

The CSS property to change the background color of an element to Hex B1E9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E9FE }
```

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

```
.background{ background-color:#B1E9FE }
```

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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