

Converting Colors

Hex(B4EBFE)

Have a look what the booklet for
Hex(B4EBFE) contains.

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Color

Hex(B4EBFE)

Conversions

Conversions Part 1	
Format	Color
Hex	B4EBFE
RGB	180, 235, 254
RGB Percent	71%, 92%, 100%
CMY	0.2941, 0.0784, 0.0039
CMYK	0.29, 0.07, 0.00, 0.00
HSL	195°, 97%, 85%
HSV	195°, 29%, 100%
XYZ	66.4201, 76.2757, 104.9879
YIQ	220.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

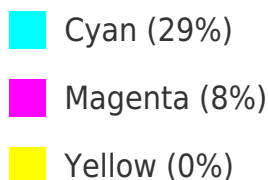
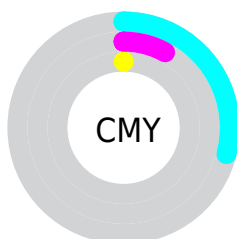
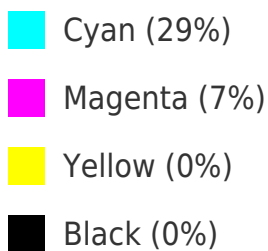
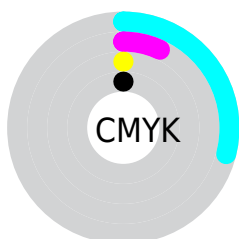
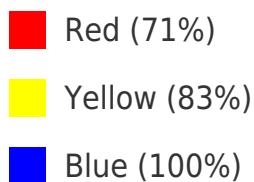
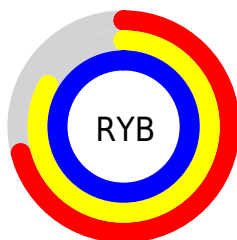
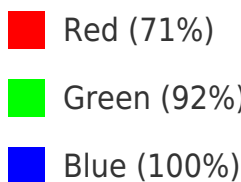
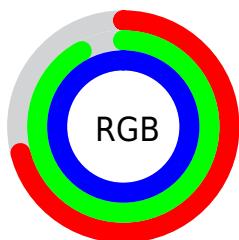
Format	Color
RYB	180, 212, 254
Decimal	11856894
CIELab	89.99, -13.14, -14.85
CIELCh	90, 19.829, 228.494
Yxy	76.2757, 0.2682, 0.3080
Android (android.graphics.Color)	4290046974 (0xFFB4EBFE)
YUV	220.7210, 16.4065, -35.7123
Hunter-Lab	87.3360, -17.0864, -10.1382

Details

The Hex color **B4EBFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEC7B4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **EDFFFF**, and **7DB3C5** is the 20% darker color. If you saturate the color by 10%, you get **9BE4FE**, and if you desaturate by 10%, it is **CDF2FE**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color B4EBFE 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 B4EBFE by changing the saturation by 10% instead.

 B4EBFE

FFFFFF

 EDFFFF

 B4EBFE

 98CFE1

 7DB3C5

 6298AA

 487E90

 2D6576

 0C4D5D

 003646

 00212F

 00011B

 B4EBFE

 B4EBFE

 9BE4FE

 CDF2FE

 81DEFE

 E7F8FE

 68D7FE

FFFFFFE

 4ED1FE

 35CAFE

 1CC4FE

 02BDFE

 00BDFE

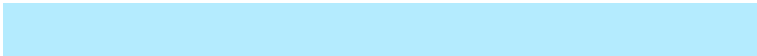
Harmonies

Analogous

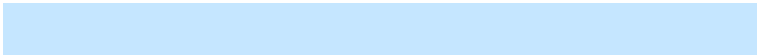
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1EDEE



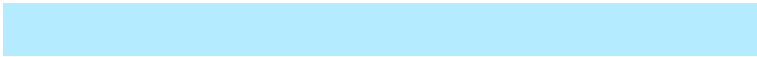
B4EBFE



C5E6FF

Triad

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



B4EBFE



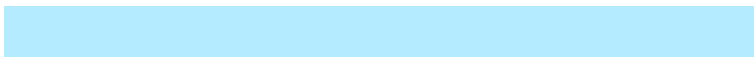
FFD6EA



E5E5BE

Complementary

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



B4EBFE



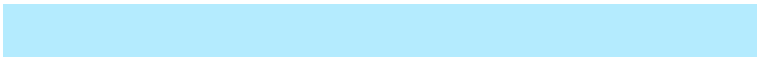
FEC7B4

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.



F8DFBE



B4EBFE



FFD6D7

Square

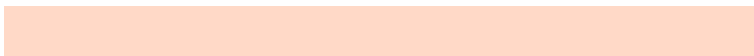
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



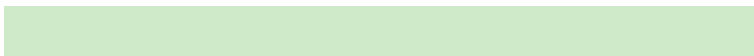
B4EBFE



F4DAFC



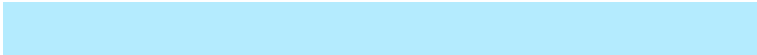
FFD9C7



CFEAC9

Rectangle

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



B4EBFE



D4E2FF



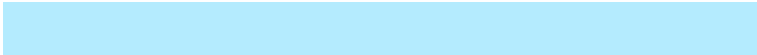
FFD9C7



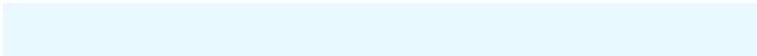
ECE3BD

Sweetspot

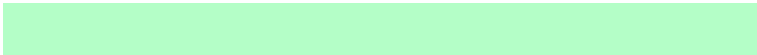
The Sweet Spot groups the original color and five complimentary colors.



B4EBFE



E8F9FF



B4FEC7



717C80



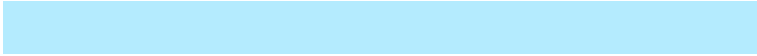
000000



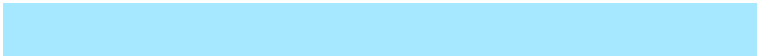
808080

Same Dimension

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



B4EBFE



A6E8FF



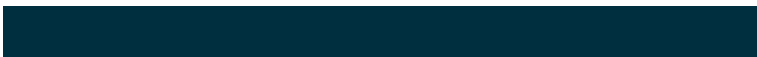
B4C7FE



737C80



008EBF



002F40

Inverse Universe

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



FEB4EB



FFA6E8



FE ECB4



80737C



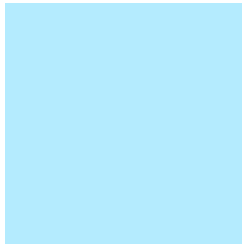
BF008E



40002F

Previews

White Background



This preview shows how the Hex color B4EBFE looks on a white background.

Color Contrast Check

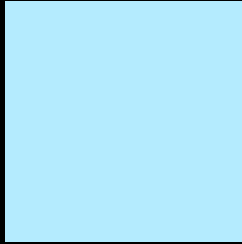
Large Text (above 18pt) WCAG AA × Fail

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 B4EBFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

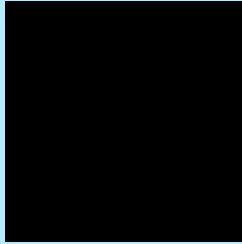
Any Text WCAG AA ✓ Pass

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 B4EBFE Background



This preview shows how black text looks on a background with the Hex color B4EBFE.

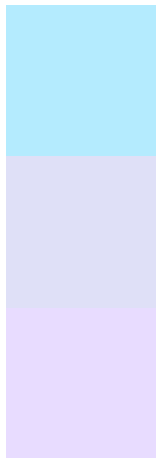


This preview shows how white text looks on a background with the Hex color B4EBFE.

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](#).

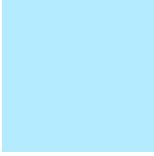
Dichromacy



Original Color
B4EBFE

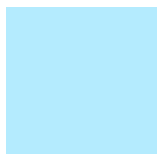
Protanopia
DFE0F7

Deuteranopia
E8DCFF



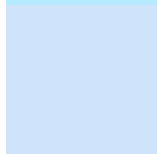
Tritanopia
B4EBFE

Trichromacy



Original Color

B4EBFE



Protanomaly

CFE4FA



Deuteranomaly

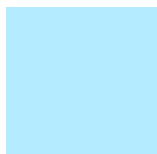
D5E1FF



Tritanomaly

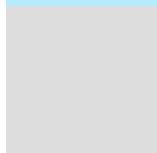
B4EBFE

Monochromacy



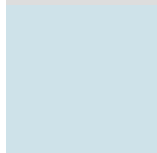
Original Color

B4EBFE



Achromatopsia

DDDDDD



Achromatomaly

CEE2E9

CSS Examples

Text

The CSS property to change the color of the text to Hex B4EBFE 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 #B4EBFE looks like.

```
.text, #text, p{  
    color:#B4EBFE  
}
```

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 #B4EBFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4EBFE
}
```

Border

The CSS property to change the border of an element to Hex B4EBFE 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
#B4EBFE }
```

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

```
.border{ border-color:#B4EBFE }
```

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

Here you see how a box with a 4 pixel #B4EBFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4EBFE; -webkit-box-shadow:4px 4px  
4px 4px #B4EBFE; box-shadow:4px 4px 4px  
4px #B4EBFE }
```

Background

The CSS property to change the background color of an element to Hex B4EBFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4EBFE }
```

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

```
.background{ background-color:#B4EBFE }
```

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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