

# Converting Colors

Hex(B4F6FF)

Have a look what the booklet for  
Hex(B4F6FF) contains.

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# **Color**

**Hex(B4F6FF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B4F6FF                       |
| RGB         | 180, 246, 255                |
| RGB Percent | 71%, 96%, 100%               |
| CMY         | 0.2941, 0.0353, 0.0000       |
| CMYK        | 0.29, 0.04, 0.00, 0.00       |
| HSL         | 187°, 100%, 85%              |
| HSV         | 187°, 29%, 100%              |
| XYZ         | 69.8282, 82.8348, 106.9161   |
| YIQ         | 227.2920, -42.2250, -11.1930 |

# Conversions

## Conversions Part 2

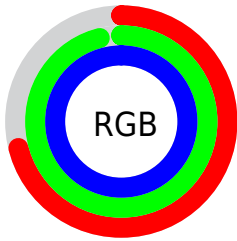
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 180, 215, 255                  |
| Decimal                             | 11859711                       |
| CIELab                              | 92.94, -18.41, -10.96          |
| CIELCh                              | 93, 21.428, 210.754            |
| Yxy                                 | 82.8348, 0.2690,<br>0.3191     |
| Android<br>(android.graphics.Color) | 4290049791<br>(0xFFB4F6FF)     |
| YUV                                 | 227.2920, 13.6600,<br>-41.4751 |
| Hunter-Lab                          | 91.0136, -22.3238,<br>-5.9400  |

# Details

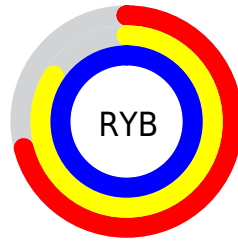
The Hex color **B4F6FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFBDB4**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EEFFFF**, and **7DBEC6** is the 20% darker color. If you saturate the color by 10%, you get **9BF3FF**, and if you desaturate by 10%, it is **CEF9FF**.

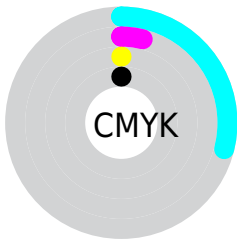
# Distribution



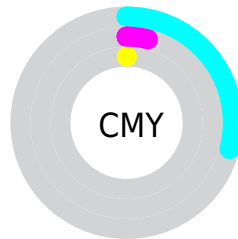
- Red (71%)
- Green (96%)
- Blue (100%)



- Red (71%)
- Yellow (84%)
- Blue (100%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4F6FF 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 B4F6FF by changing the saturation by 10% instead.



 B4F6FF

FFFFFF

 EEEFFF

 B4F6FF

 98D9E2

 7DBEC6

 62A2AB

 478891

 2B6F77

 05565E

 003F47

 002830

 00131B

 B4F6FF

 B4F6FF

 9BF3FF

 CEF9FF

 81F0FF

 E7FCFF

 68EDFF

FFFFFF

 4EEAFF

 35E7FF

 1BE4FF

 02E1FF

 00E0FF

# Harmonies

## Analogous

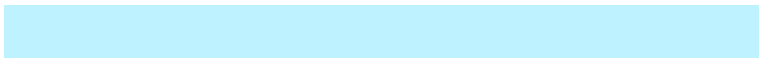
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BAF7EB



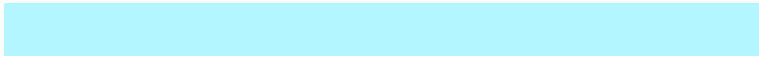
B4F6FF



BEF2FF

# Triad

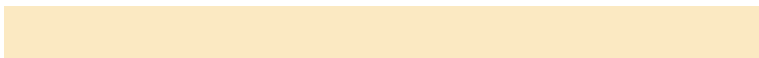
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B4F6FF



FFDFFF



FBE9C2

# Complementary

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



B4F6FF



FFDB4

# 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.



FFE3C7



B4F6FF



FFDCEB

# Square

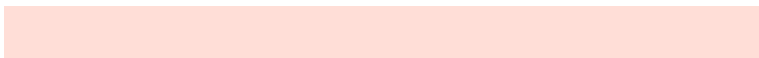
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



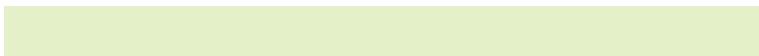
B4F6FF



EFE5FF



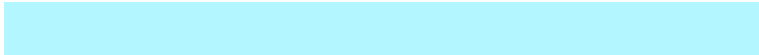
FFDED7



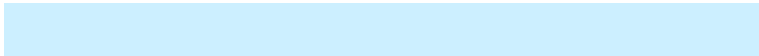
E4F0C7

# Rectangle

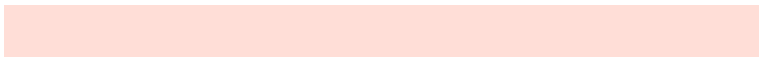
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4F6FF



CCEFFF



FFDED7

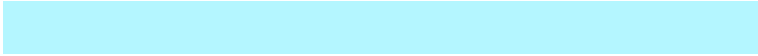


FFE7C2

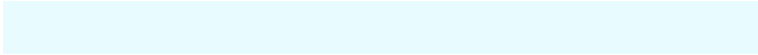


# Sweetspot

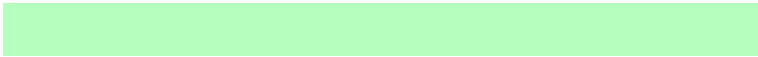
The Sweet Spot groups the original color and five complimentary colors.



B4F6FF



E8FCFF



B4FFBD



717E80



000000



808080



# Same Dimension

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



B4F6FF



A6F4FF



B4D1FF



737E80



00A8BF



003840



# Inverse Universe

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



FFB4F6



FFA6F4



FFE2B4



80737E



BF00A8

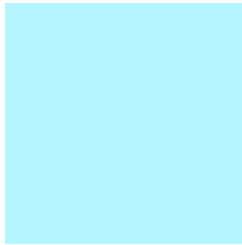


400038



# Previews

## White Background



This preview shows how the Hex color B4F6FF looks on a white background.

## Color Contrast Check

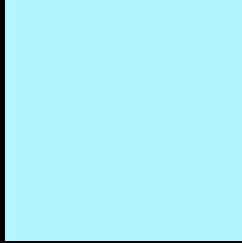
Large Text (above 18pt) WCAG AA × Fail

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 B4F6FF 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 B4F6FF Background



This preview shows how black text looks on a background with the Hex color B4F6FF.

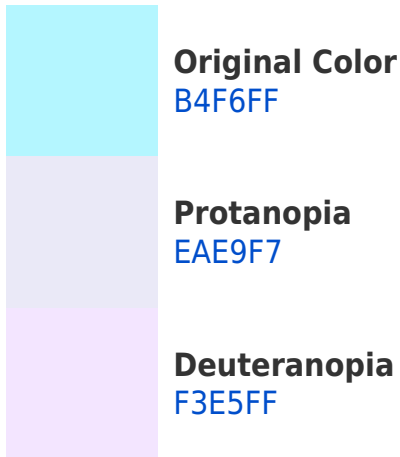


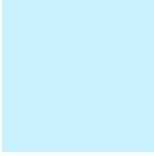
This preview shows how white text looks on a background with the Hex color B4F6FF.

# 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



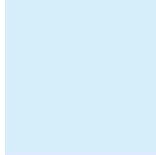


**Tritanopia**  
C8F1FF

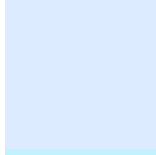
# Trichromacy



**Original Color**  
B4F6FF



**Protanomaly**  
D6EEFA



**Deuteranomaly**  
DCEBFF

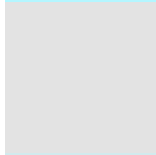


**Tritanomaly**  
C1F3FF

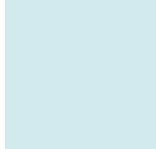
# Monochromacy



**Original Color**  
B4F6FF



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
D2EAED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4F6FF 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 #B4F6FF looks like.

```
.text, #text, p{  
    color:#B4F6FF  
}
```

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 #B4F6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4F6FF
}
```

## Border

The CSS property to change the border of an element to Hex B4F6FF 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
#B4F6FF }
```

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

```
.border{ border-color:#B4F6FF }
```

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

Here you see how a box with a 4 pixel #B4F6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4F6FF; -webkit-box-shadow:4px 4px  
4px 4px #B4F6FF; box-shadow:4px 4px 4px  
4px #B4F6FF }
```

# Background

The CSS property to change the background color of an element to Hex B4F6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4F6FF }
```

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

```
.background{ background-color:#B4F6FF }
```

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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