

Converting Colors

Hex(46B9FB)

Have a look what the booklet for
Hex(46B9FB) contains.

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Color

Hex(46B9FB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 46B9FB |
| RGB | 70, 185, 251 |
| RGB Percent | 27%, 73%, 98% |
| CMY | 0.7255, 0.2745, 0.0157 |
| CMYK | 0.72, 0.26, 0.00, 0.02 |
| HSL | 202°, 96%, 63% |
| HSV | 202°, 72%, 98% |
| XYZ | 37.2873, 42.9650, 97.5946 |
| YIQ | 158.1390, -89.7260, -3.8540 |

Conversions

Conversions Part 2

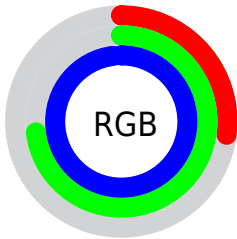
| Format | Color |
|-------------------------------------|---|
| RYB | 70, 140, 251 |
| Decimal | 4635131 |
| CIELab | 71.53, -11.26, -41.92 |
| CIELCh | 72, 43.406, 254.959 |
| Yxy | 42.9650, 0.2097, 0.2416 |
| Android (android.graphics.Color) | 4282825211 (0xFF46B9FB) |
| YUV | 158.1390, 45.7805, -77.2979 |
| Hunter-Lab | 65.5477, -13.1674, -42.3940 |

Details

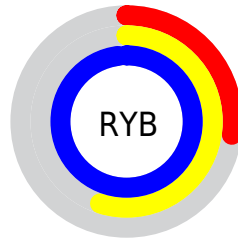
The Hex color **46B9FB** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FB8846**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8BF1FF**, and **0084C2** is the 20% darker color. If you saturate the color by 10%, you get **2DB0FB**, and if you desaturate by 10%, it is **5FC2FB**.

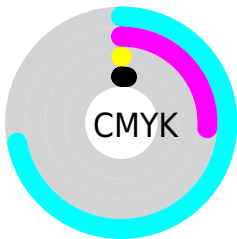
Distribution



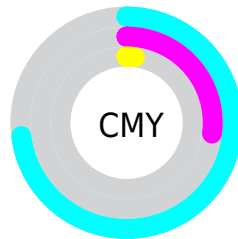
- Red (27%)
- Green (73%)
- Blue (98%)



- Red (27%)
- Yellow (55%)
- Blue (98%)



- Cyan (72%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (73%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B9FB 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 46B9FB by changing the saturation by 10% instead.

 46B9FB

 46B9FB

FFFFFF

 0B9EDE

 8BF1FF

 0084C2

 AAFFFF

 006BA7

 C9FFFF

 00538C

 E8FFFF

 003C72

 002759

 001042

 00032B

 000115

■ 46B9FB

■ 46B9FB

■ 2DB0FB

■ 5FC2FB

■ 14A7FB

■ 78CBFB

■ 009FFB

■ 91D4FB

■ AADEFB

■ C4E7FB

■ DDF0FB

■ F6F9FB

■ FFFFFB

Harmonies

Analogous

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



00C1E6



46B9FB



94ACFB

Triad

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



46B9FB



FC909D



88BD76

Complementary

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



46B9FB



FB8846

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.



B5B361



46B9FB



F39879

Square

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



46B9FB



EF92C5



D9A663



52C399

Rectangle

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



46B9FB



BCA2F0



D9A663



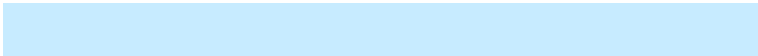
98BA6D

Sweetspot

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



46B9FB



C7EBFF



46FB85



5E7380



000000



808080

Same Dimension

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



46B9FB



21AEFF



4661FB



70787D



0078BD



00273D

Inverse Universe

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



FB46B9



FF21AE



FBE046



7D7078



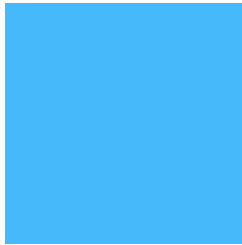
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 46B9FB looks on a white background.

Color Contrast Check

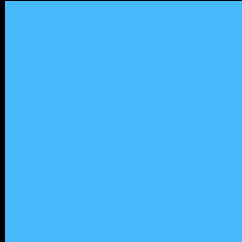
Large Text (above 18pt) WCAG AA × Fail

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 46B9FB 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

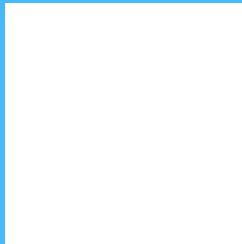
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 46B9FB Background



This preview shows how black text looks on a background with the Hex color 46B9FB.



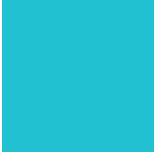
This preview shows how white text looks on a background with the Hex color 46B9FB.

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](#).

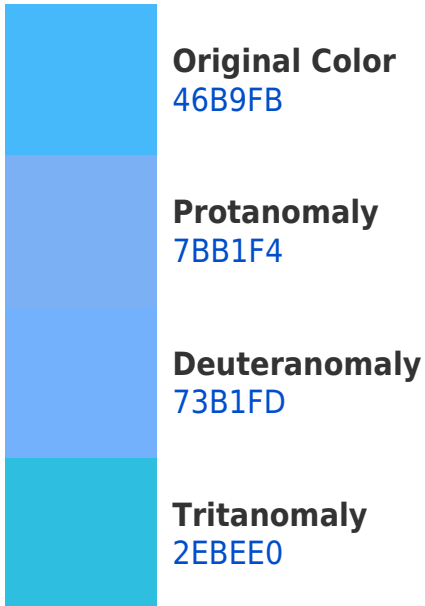
Dichromacy





Tritanopia
21C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B9FB 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 #46B9FB looks like.

```
.text, #text, p{  
    color:#46B9FB  
}
```

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 #46B9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B9FB  
}
```

Border

The CSS property to change the border of an element to Hex 46B9FB 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  
#46B9FB }
```

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

```
.border{ border-color:#46B9FB }
```

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

Here you see how a box with a 4 pixel #46B9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B9FB; -webkit-box-shadow:4px 4px  
4px 4px #46B9FB; box-shadow:4px 4px 4px  
4px #46B9FB }
```

Background

The CSS property to change the background color of an element to Hex 46B9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B9FB }
```

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

```
.background{ background-color:#46B9FB }
```

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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