

Converting Colors

Hex(4BF9FB)

Have a look what the booklet for
Hex(4BFAFB) contains.

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Color

Hex(4BF9FB)

Conversions

Conversions Part 1

Format	Color
Hex	4BFAFB
RGB	75, 250, 251
RGB Percent	29%, 98%, 98%
CMY	0.7059, 0.0196, 0.0157
CMYK	0.70, 0.00, 0.00, 0.02
HSL	180°, 96%, 64%
HSV	180°, 70%, 98%
XYZ	54.4998, 76.8321, 103.2244
YIQ	197.7890, -104.6210, -36.7890

Conversions

Conversions Part 2

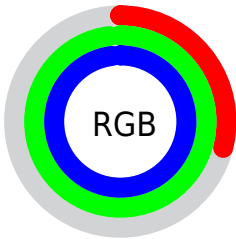
Format	Color
RYB	75, 163, 251
Decimal	4979451
CIELab	90.24, -42.56, -13.29
CIELCh	90, 44.588, 197.346
Yxy	76.8321, 0.2324, 0.3276
Android (android.graphics.Color)	4283169531 (0xFF4BFAFB)
YUV	197.7890, 26.2330, -107.6860
Hunter-Lab	87.6539, -42.4099, -8.4643

Details

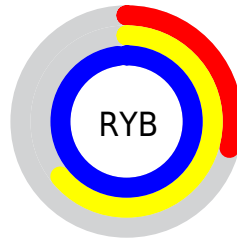
The Hex color **4BFAFB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FB4C4B**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **93FFFF**, and **00C1C3** is the 20% darker color. If you saturate the color by 10%, you get **32FAFB**, and if you desaturate by 10%, it is **64FAFB**.

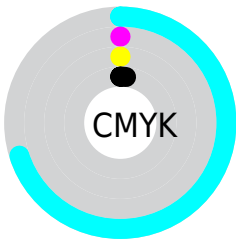
Distribution



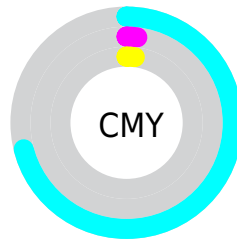
- Red (29%)
- Green (98%)
- Blue (98%)



- Red (29%)
- Yellow (64%)
- Blue (98%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BFAFB 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 4BFAFB by changing the saturation by 10% instead.

 4BFAFB

 4BFAFB

FFFFFF

 09DDDE

 93FFFF

 00C1C3

 B4FFFF

 00A5A7

 D4FFFF

 008A8D

 F3FFFF

 007073

 00575B

 003E44

 00292D

 00031A

 4BFAFB

 4BFAFB

 32FAFB

 64FAFB

 19FAFB

 7DFAFB

 00FAFB

 96FAFB

 AFFBFB

 C8FBFB

 E2FBFB

 FBFBFB

 FFFBFB

Harmonies

Analogous

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



81F9CF



4BFAFB



47F6FF

Triad

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



4BFAFB



FFCFFF



FFDA90

Complementary

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



4BFAFB



FB4C4B

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.



FFCCA6



4BFAFB



FFC4F7

Square

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



4BFAFB



CEDFFF



FFC3CC



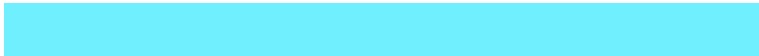
E7E890

Rectangle

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



4BFAFB



70F0FF



FFC3CC



FFD595

Sweetspot

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



4BFAFB



C9FFFF



4BFB4B



607F80



000000



808080

Same Dimension

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



4BFAFB



29FEFF



4BA3FB



707D7D



00BCBD



003D3D

Inverse Universe

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



FB4BFA



FF29FE



FBA34B



7D707D



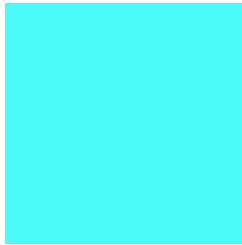
BD00BC



3D003D

Previews

White Background



This preview shows how the Hex color 4BF9FB looks on a white background.

Color Contrast Check

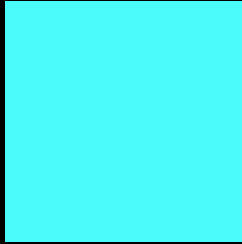
Large Text (above 18pt) WCAG AA × Fail

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 4BFAFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

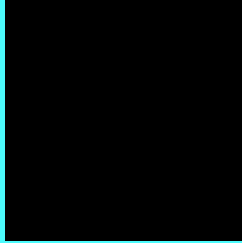
Any Text WCAG AA ✓ Pass

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 4BF9FB Background



This preview shows how black text looks on a background with the Hex color 4BF9FB.

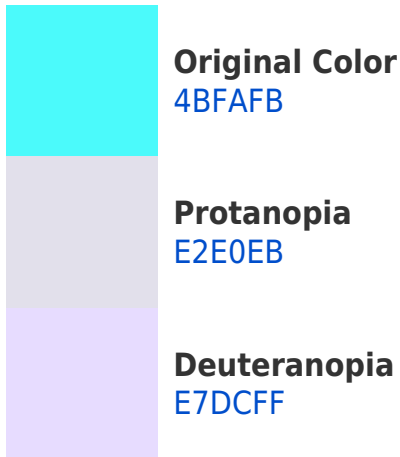


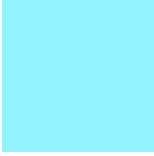
This preview shows how white text looks on a background with the Hex color 4BF9FB.

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
94F1FF

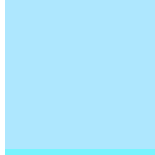
Trichromacy



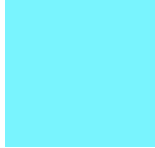
Original Color
4BFAFB



Protanomaly
ABE9F1



Deuteranomaly
AEE7FE

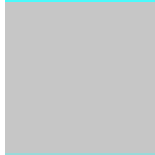


Tritanomaly
79F4FE

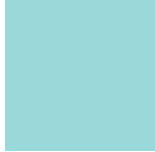
Monochromacy



Original Color
4BFAFB



Achromatopsia
C6C6C6



Achromatomaly
99D9D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFAFB 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 #4BFAFB looks like.

```
.text, #text, p{
  color:#4BFAFB
}
```

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 #4BFAFB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4BFAFB 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
#4BFAFB }
```

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

```
.border{ border-color:#4BFAFB }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4BFafb is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFafb }
```

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

```
.background{ background-color:#4BFafb }
```

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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