

Converting Colors

Hex(4BB9F9)

Have a look what the booklet for
Hex(4BB9F9) contains.

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Color

Hex(4BB9F9)

Conversions

Conversions Part 1

Format	Color
Hex	4BB9F9
RGB	75, 185, 249
RGB Percent	29%, 73%, 98%
CMY	0.7059, 0.2745, 0.0235
CMYK	0.70, 0.26, 0.00, 0.02
HSL	202°, 94%, 64%
HSV	202°, 70%, 98%
XYZ	37.3495, 43.0333, 95.9603
YIQ	159.4060, -86.1040, -3.4160

Conversions

Conversions Part 2

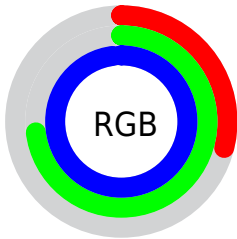
Format	Color
R _Y B	75, 142, 249
Decimal	4962809
CIE Lab	71.58, -11.26, -40.76
CIE LCh	72, 42.284, 254.554
Yxy	43.0333, 0.2118, 0.2440
Android (android.graphics.Color)	4283152889 (0xFF4BB9F9)
YUV	159.4060, 44.1698, -74.0241
Hunter-Lab	65.5998, -13.1700, -40.8104

Details

The Hex color **4BB9F9** 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 **F98B4B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8EF1FF**, and **0084C0** is the 20% darker color. If you saturate the color by 10%, you get **32B0F9**, and if you desaturate by 10%, it is **64C2F9**.

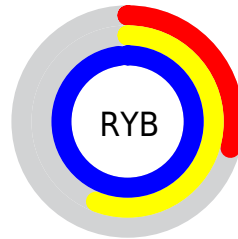
Distribution



Red (29%)

Green (73%)

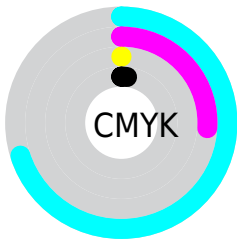
Blue (98%)



Red (29%)

Yellow (56%)

Blue (98%)

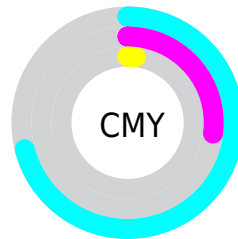


Cyan (70%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB9F9 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 4BB9F9 by changing the saturation by 10% instead.

 4BB9F9

 4BB9F9

FFFFFF

 1B9EDC

 8EF1FF

 0084C0

 ADFFFF

 006BA5

 CCFFFF

 00538A

 EBFFFF

 003C71

 002758

 001040

 000329

 000113

■ 4BB9F9

■ 4BB9F9

■ 32B0F9

■ 64C2F9

■ 19A7F9

■ 7DCBF9

■ 009EF9

■ 96D4F9

■ 009DF9

■ AFDEF9

■ C8E7F9

■ E0F0F9

■ F9F9F9

■ FFFFF9

Harmonies

Analogous

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



00C1E4



4BB9F9



95ADFA

Triad

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



4BB9F9



FA919E



8ABD77

Complementary

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



4BB9F9



F98B4B

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.



B5B363



4BB9F9



F2997B

Square

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



4BB9F9



EE93C5



D9A665



56C29A

Rectangle

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



4BB9F9



BBA3EF



D9A665



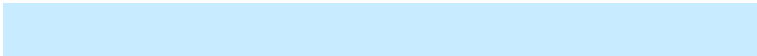
99BA6E

Sweetspot

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



4BB9F9



C9EBFF



4BF98B



607480



000000



808080

Same Dimension

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



4BB9F9



29B0FF



4B62F9



70787D



0077BD



00273D

Inverse Universe

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



F94BB9



FF29B0



F9E24B



7D7078



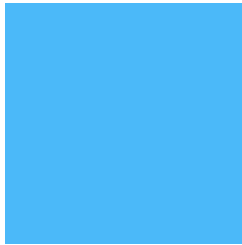
BD0077



3D0027

Previews

White Background



This preview shows how the Hex color 4BB9F9 looks on a white background.

Color Contrast Check

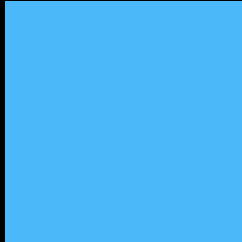
Large Text (above 18pt) WCAG AA × Fail

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 4BB9F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

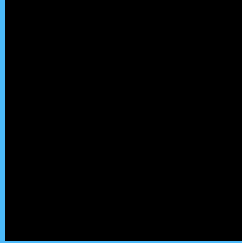
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

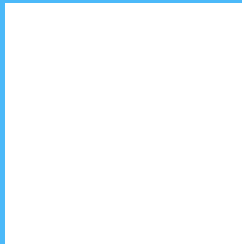
Any Text WCAG AAA ✓ Pass

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

Hex 4BB9F9 Background



This preview shows how black text looks on a background with the Hex color 4BB9F9.



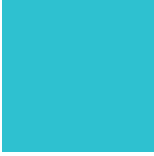
This preview shows how white text looks on a background with the Hex color 4BB9F9.

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](#).

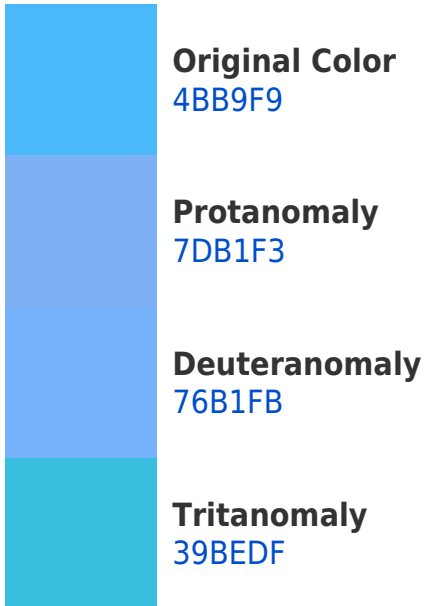
Dichromacy



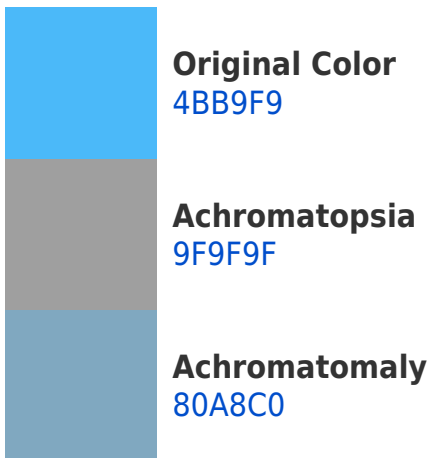


Tritanopia
2EC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB9F9 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 #4BB9F9 looks like.

```
.text, #text, p{  
    color:#4BB9F9  
}
```

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 #4BB9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB9F9
}
```

Border

The CSS property to change the border of an element to Hex 4BB9F9 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
#4BB9F9 }
```

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

```
.border{ border-color:#4BB9F9 }
```

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

Here you see how a box with a 4 pixel #4BB9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB9F9; -webkit-box-shadow:4px 4px  
4px 4px #4BB9F9; box-shadow:4px 4px 4px  
4px #4BB9F9 }
```

Background

The CSS property to change the background color of an element to Hex 4BB9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB9F9 }
```

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

```
.background{ background-color:#4BB9F9 }
```

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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