

# Converting Colors

Hex(4B99FE)

Have a look what the booklet for  
Hex(4B99FE) contains.

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# **Color**

**Hex(4B99FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B99FE
RGB	75, 153, 254
RGB Percent	29%, 60%, 100%
CMY	0.7059, 0.4000, 0.0039
CMYK	0.70, 0.40, 0.00, 0.00
HSL	214°, 99%, 65%
HSV	214°, 70%, 100%
XYZ	32.1823, 31.4341, 98.1371
YIQ	141.1920, -78.9090, 14.8750

# Conversions

## Conversions Part 2

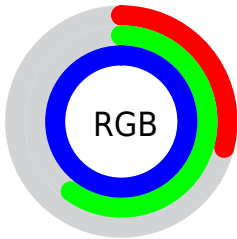
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 129, 254</a>
Decimal	<a href="#">4954622</a>
CIELab	<a href="#">62.87, 8.53, -57.20</a>
CIELCh	<a href="#">63, 57.837, 278.479</a>
Yxy	<a href="#">31.4341, 0.1990, 0.1943</a>
Android (android.graphics.Color)	<a href="#">4283144702 (0xFF4B99FE)</a>
YUV	<a href="#">141.1920, 55.6143, -58.0504</a>
Hunter-Lab	<a href="#">56.0661, 4.3444, -64.5339</a>

# Details

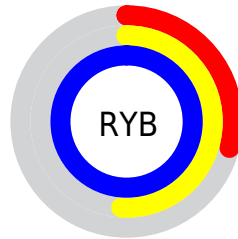
The Hex color **4B99FE** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FEB04B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8ECFFF**, and **0067C5** is the 20% darker color. If you saturate the color by 10%, you get **328BFE**, and if you desaturate by 10%, it is **64A7FE**.

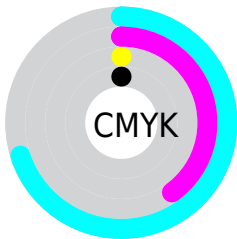
# Distribution



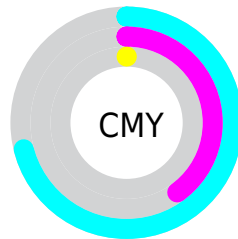
- Red (29%)
- Green (60%)
- Blue (100%)



- Red (29%)
- Yellow (51%)
- Blue (100%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B99FE 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 4B99FE by changing the saturation by 10% instead.



 4B99FE

 4B99FE

FFFFFF

 1A7FE1

 8ECFFF

 0067C5

 ADEBFF

 004FA9

 CCFFFF

 00398E

 EBFFFF

 002574

 00105B

 000742

 00032B

 000115

 4B99FE

 4B99FE

 328BFE

 64A7FE

 187CFE

 7EB6FE

 006FFE

 97C4FE

 B1D2FE

 CAE1FE

 E3EFFE

 FDFDFE

FFFFFFE

# Harmonies

## Analogous

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



00A8F7



4B99FE



AE84E9

# Triad

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



4B99FE



EE745B



00AE70

# Complementary

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



4B99FE



FEB04B

# 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.



6FA742



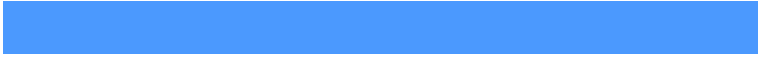
4B99FE



D18835

# Square

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



4B99FE



F6688C



A69A28



00B1A6

# Rectangle

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



4B99FE



D476CF



A69A28

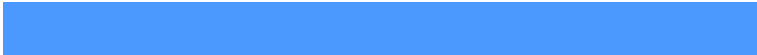


3AAD60

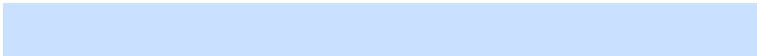


# Sweetspot

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



4B99FE



C9E1FF



4BFEAD



606E80



000000



808080



# Same Dimension

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



4B99FE



2685FF



544BFE



737880



0053BF



001C40



# Inverse Universe

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



FE4B99



FF2685



F5FE4B



807378



BF0053



40001C



# Previews

## White Background



This preview shows how the Hex color 4B99FE looks on a white background.

## Color Contrast Check

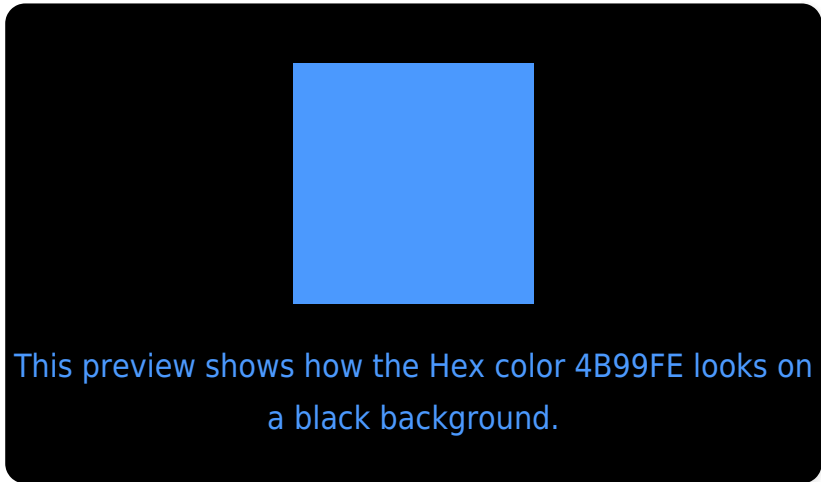
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

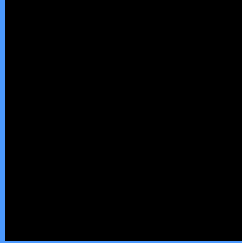
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

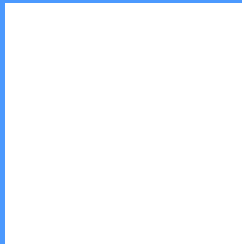
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B99FE Background



This preview shows how black text looks on a background with the Hex color 4B99FE.

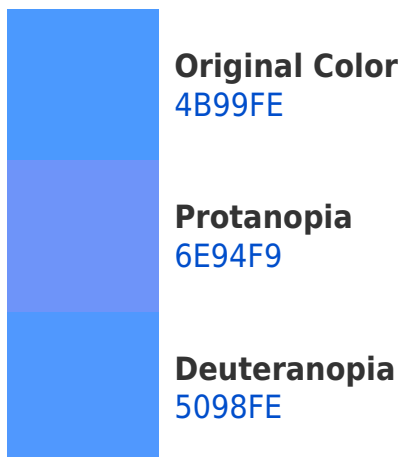


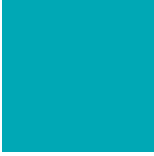
This preview shows how white text looks on a background with the Hex color 4B99FE.

# 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](#).

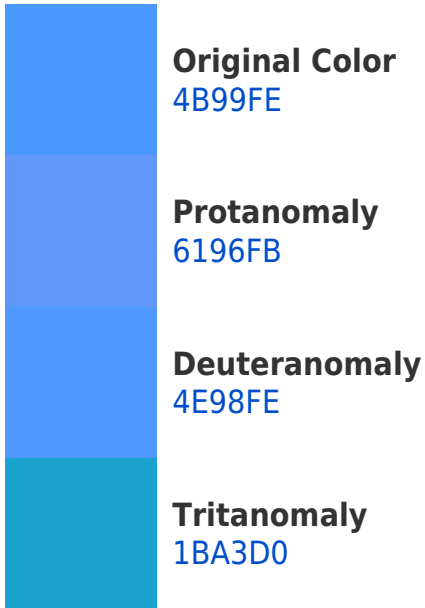
## Dichromacy



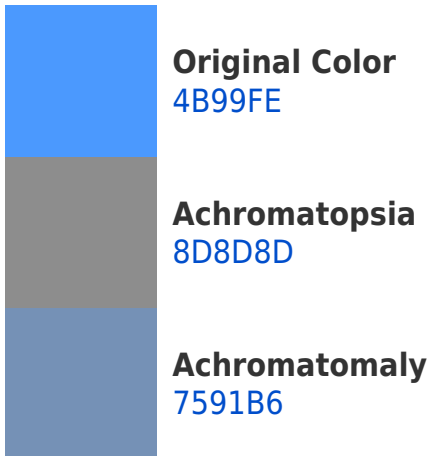


**Tritanopia**  
00A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B99FE 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 #4B99FE looks like.

```
.text, #text, p{  
    color:#4B99FE  
}
```

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 #4B99FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B99FE
}
```

## Border

The CSS property to change the border of an element to Hex 4B99FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

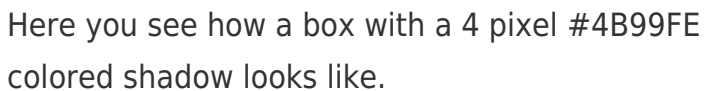
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B99FE }
```

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

```
.border{ border-color:#4B99FE }
```

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



Here you see how a box with a 4 pixel #4B99FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B99FE; -webkit-box-shadow:4px 4px  
4px 4px #4B99FE; box-shadow:4px 4px 4px  
4px #4B99FE }
```

# Background

The CSS property to change the background color of an element to Hex 4B99FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B99FE }
```

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

```
.background{ background-color:#4B99FE }
```

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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