

Converting Colors

Hex(6BB9FB)

Have a look what the booklet for
Hex(6BB9FB) contains.

Hex(6BB9FB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BB9FB)

Conversions

Conversions Part 1

Format	Color
Hex	6BB9FB
RGB	107, 185, 251
RGB Percent	42%, 73%, 98%
CMY	0.5804, 0.2745, 0.0157
CMYK	0.57, 0.26, 0.00, 0.02
HSL	208°, 95%, 70%
HSV	208°, 57%, 98%
XYZ	40.8250, 44.7888, 97.7602
YIQ	169.2020, -67.6740, 3.9900

Conversions

Conversions Part 2

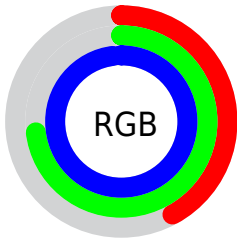
Format	Color
RYB	107, 158, 251
Decimal	7059963
CIELab	72.75, -5.30, -39.92
CIELCh	73, 40.272, 262.436
Yxy	44.7888, 0.2226, 0.2442
Android (android.graphics.Color)	4285250043 (0xFF6BB9FB)
YUV	169.2020, 40.3264, -54.5512
Hunter-Lab	66.9244, -8.2299, -39.7611

Details

The Hex color **6BB9FB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FBAD6B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A7F1FF**, and **2484C2** is the 20% darker color. If you saturate the color by 10%, you get **52ADFB**, and if you desaturate by 10%, it is **84C5FB**.

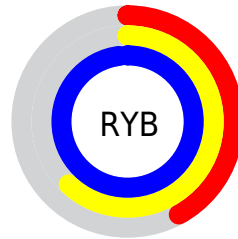
Distribution



Red (42%)

Green (73%)

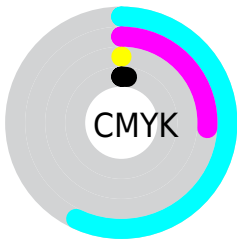
Blue (98%)



Red (42%)

Yellow (62%)

Blue (98%)

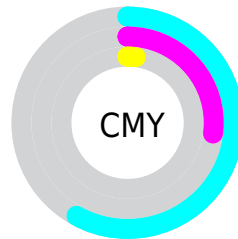


Cyan (57%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB9FB 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 6BB9FB by changing the saturation by 10% instead.

 6BB9FB

 6BB9FB

FFFFFF

 4B9EDE

 A7F1FF

 2484C2

 C5FFFF

 006BA7

 E3FFFF

 00538C

 003C72

 002759

 001342

 00032B

 000115

6BB9FB

6BB9FB

52ADFB

84C5FB

39A2FB

9DD0FB

2096FB

B6DCFB

078BFB

CFE7FB

0088FB

E8F3FB

FFFEFB

FFFFFB

Harmonies

Analogous

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



1EC2EC



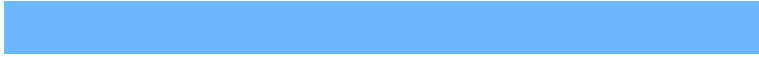
6BB9FB



A9ACF7

Triad

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



6BB9FB



FA9798



84C184

Complementary

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



6BB9FB



FBAD6B

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.



AFB96D



6BB9FB



EEA079

Square

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



6BB9FB



F396BD



D3AD69



52C6A8

Rectangle

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



6BB9FB



CAA3E9



D3AD69



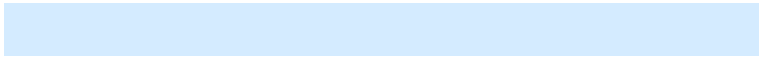
93BF7B

Sweetspot

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



6BB9FB



D4EBFF



6BFBAC



667480



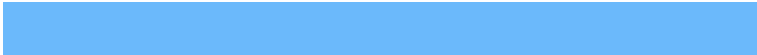
000000



808080

Same Dimension

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



6BB9FB



4FAEFF



6B72FB



70777D



0066BD



00213D

Inverse Universe

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



FB6BB9



FF4FAE



FBF46B



7D7077



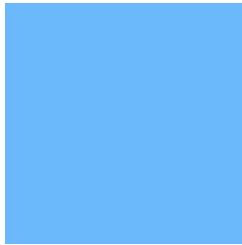
BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 6BB9FB looks on a white background.

Color Contrast Check

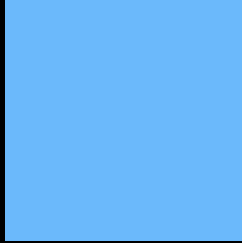
Large Text (above 18pt) WCAG AA × Fail

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 6BB9FB 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

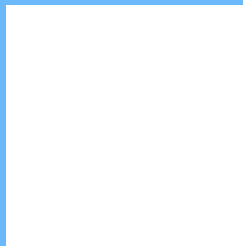
Any Text WCAG AAA ✓ Pass

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

Hex 6BB9FB Background



This preview shows how black text looks on a background with the Hex color 6BB9FB.

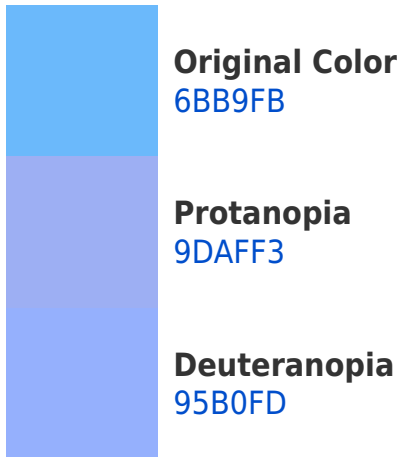


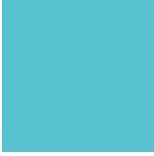
This preview shows how white text looks on a background with the Hex color 6BB9FB.

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](#).

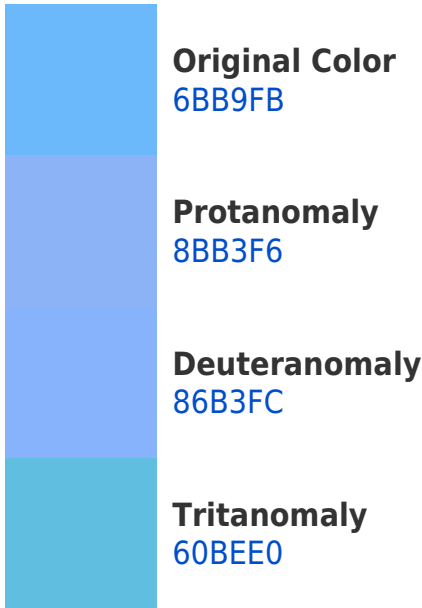
Dichromacy



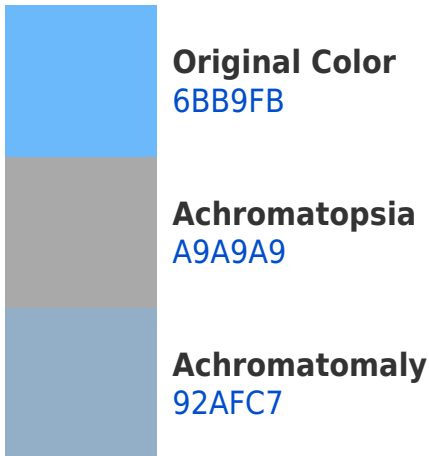


Tritanopia
5AC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB9FB 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 #6BB9FB looks like.

```
.text, #text, p{  
    color:#6BB9FB  
}
```

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 #6BB9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB9FB  
}
```

Border

The CSS property to change the border of an element to Hex 6BB9FB 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  
#6BB9FB }
```

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

```
.border{ border-color:#6BB9FB }
```

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

Here you see how a box with a 4 pixel #6BB9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB9FB; -webkit-box-shadow:4px 4px  
4px 4px #6BB9FB; box-shadow:4px 4px 4px  
4px #6BB9FB }
```

Background

The CSS property to change the background color of an element to Hex 6BB9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB9FB }
```

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

```
.background{ background-color:#6BB9FB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor