

Converting Colors

Hex(6BB9FF)

Have a look what the booklet for
Hex(6BB9FF) contains.

Hex(6BB9FF)	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(6BB9FF)

Conversions

Conversions Part 1

Format	Color
Hex	6BB9FF
RGB	107, 185, 255
RGB Percent	42%, 73%, 100%
CMY	0.5804, 0.2745, 0.0000
CMYK	0.58, 0.27, 0.00, 0.00
HSL	208°, 100%, 71%
HSV	208°, 58%, 100%
XYZ	41.4624, 45.0437, 101.1167
YIQ	169.6580, -68.9580, 5.2340

Conversions

Conversions Part 2

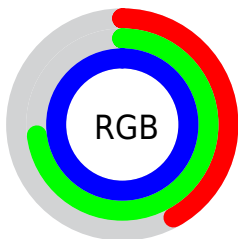
Format	Color
RYB	107, 158, 255
Decimal	7059967
CIELab	72.92, -4.07, -41.82
CIELCh	73, 42.013, 264.437
Yxy	45.0437, 0.2210, 0.2401
Android (android.graphics.Color)	4285250047 (0xFF6BB9FF)
YUV	169.6580, 42.0736, -54.9511
Hunter-Lab	67.1146, -7.1761, -42.3477

Details

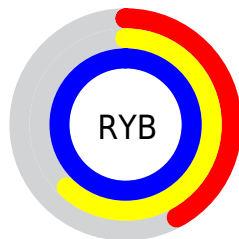
The Hex color **6BB9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB16B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A8F1FF**, and **2284C6** is the 20% darker color. If you saturate the color by 10%, you get **52ADFF**, and if you desaturate by 10%, it is **85C5FF**.

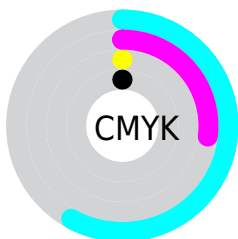
Distribution



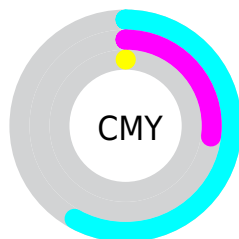
- Red (42%)
- Green (73%)
- Blue (100%)



- Red (42%)
- Yellow (62%)
- Blue (100%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB9FF 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 6BB9FF by changing the saturation by 10% instead.

 6BB9FF

 6BB9FF

FFFFFF

 4B9EE2

 A8F1FF

 2284C6

 C6FFFF

 006BAA

 E4FFFF

 005390

 003C76

 00275D

 001345

 00032E

 000118

■ 6BB9FF

■ 6BB9FF

■ 52ADFF

■ 85C5FF

■ 38A1FF

■ 9ED1FF

■ 1F95FF

■ B8DDFF

■ 0589FF

■ D1E9FF

■ 0086FF

■ EBF5FF

FFFFFF

Harmonies

Analogous

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



00C2F1



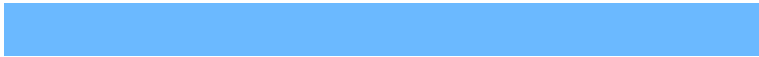
6BB9FF



ADACF9

Triad

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



6BB9FF



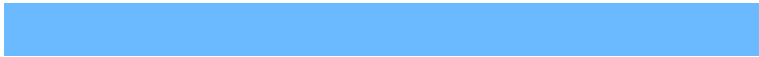
FD9795



7FC385

Complementary

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



6BB9FF



FFB16B

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.



ACBA6B



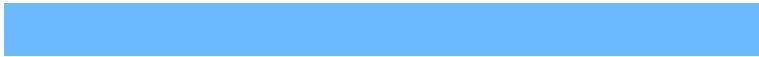
6BB9FF



EFA176

Square

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



6BB9FF



F895BC



D2AE66



47C7AA

Rectangle

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



6BB9FF



CFA2EA



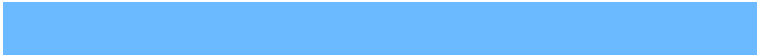
D2AE66



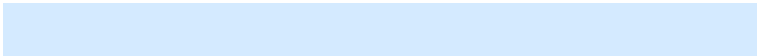
8EC07B

Sweetspot

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



6BB9FF



D4EAFF



6BFFB0



667380



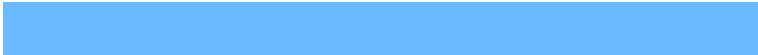
000000



808080

Same Dimension

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



6BB9FF



4DABFF



6B70FF



737980



0065BF



002240

Inverse Universe

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



FF6BB9



FF4DAB



FFFA6B



807379



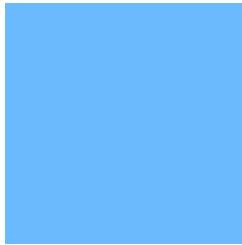
BF0065



400022

Previews

White Background



This preview shows how the Hex color 6BB9FF looks on a white background.

Color Contrast Check

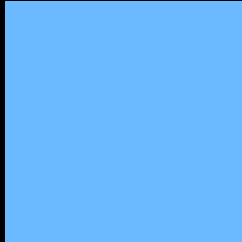
Large Text (above 18pt) WCAG AA × Fail

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 6BB9FF 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

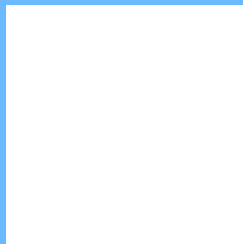
Any Text WCAG AAA ✓ Pass

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

Hex 6BB9FF Background



This preview shows how black text looks on a background with the Hex color 6BB9FF.

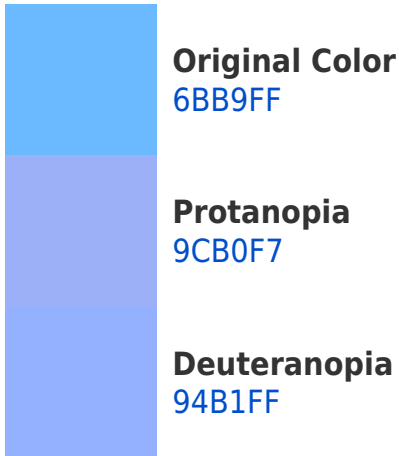


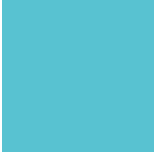
This preview shows how white text looks on a background with the Hex color 6BB9FF.

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](#).

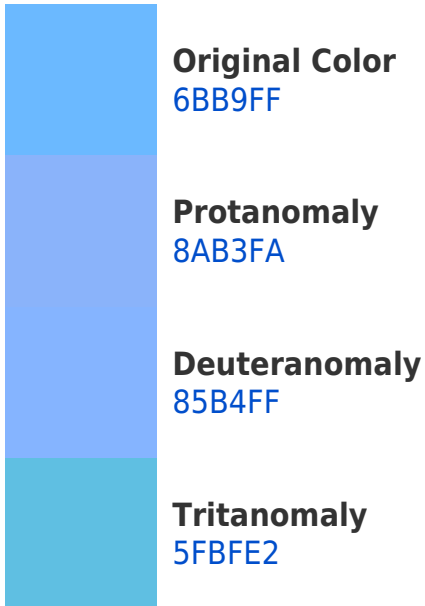
Dichromacy



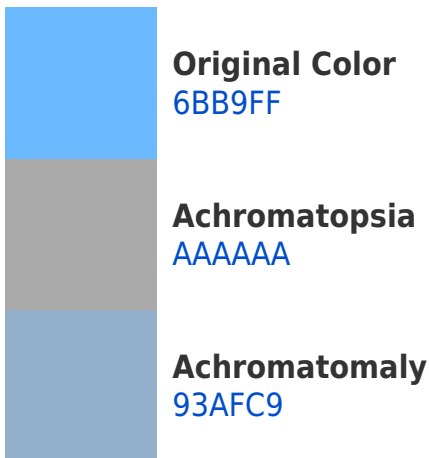


Tritanopia
58C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB9FF 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 #6BB9FF looks like.

```
.text, #text, p{  
    color:#6BB9FF  
}
```

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 #6BB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB9FF
}
```

Border

The CSS property to change the border of an element to Hex 6BB9FF 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
#6BB9FF }
```

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

```
.border{ border-color:#6BB9FF }
```

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

Here you see how a box with a 4 pixel #6BB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB9FF; -webkit-box-shadow:4px 4px  
4px 4px #6BB9FF; box-shadow:4px 4px 4px  
4px #6BB9FF }
```

Background

The CSS property to change the background color of an element to Hex 6BB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB9FF }
```

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

```
.background{ background-color:#6BB9FF }
```

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