

Converting Colors

Hex(6FBBFF)

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

Hex(6FBBFF)	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(6FBBFF)

Conversions

Conversions Part 1	
Format	Color
Hex	6FBBFF
RGB	111, 187, 255
RGB Percent	44%, 73%, 100%
CMY	0.5647, 0.2667, 0.0000
CMYK	0.56, 0.27, 0.00, 0.00
HSL	208°, 100%, 72%
HSV	208°, 56%, 100%
XYZ	42.3759, 46.1402, 101.2802
YIQ	172.0280, -67.1240, 5.0360

Conversions

Conversions Part 2

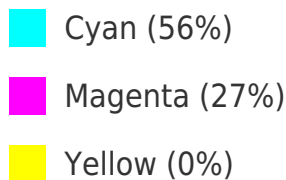
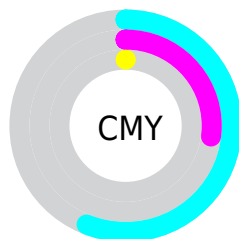
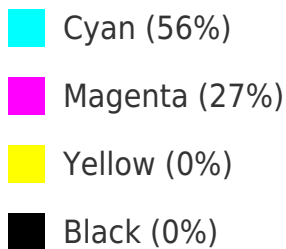
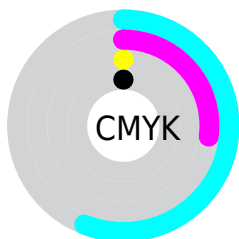
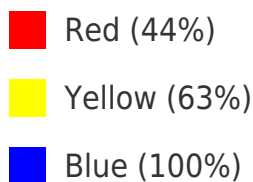
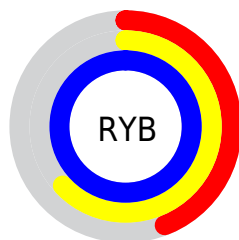
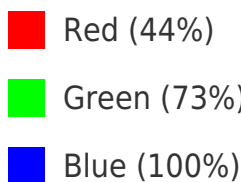
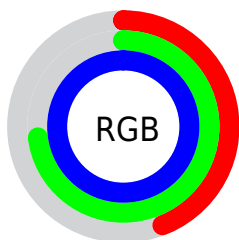
Format	Color
RYB	111, 161, 255
Decimal	7322623
CIELab	73.64, -4.39, -40.69
CIELCh	74, 40.923, 263.838
Yxy	46.1402, 0.2233, 0.2431
Android (android.graphics.Color)	4285512703 (0xFF6FBBFF)
YUV	172.0280, 40.9052, -53.5216
Hunter-Lab	67.9265, -7.5145, -40.8543

Details

The Hex color **6FBBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB36F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ABF3FF**, and **2A86C6** is the 20% darker color. If you saturate the color by 10%, you get **56AFFF**, and if you desaturate by 10%, it is **89C7FF**.

Distribution



Brightness & Saturation Gradients

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

 6FBBFF

 6FBBFF

FFFFFF

 4FA0E2

 ABF3FF

 2A86C6

 C9FFFF

 006DAA

 E7FFFF

 005590

 003E76

 00295D

 001445

 00042E

 000118

 6FBBFF

 6FBBFF

 56AFFF

 89C7FF

 3CA3FF

 A2D3FF

 2297FF

 BCDFFF

 098BFF

 D5EBFF

 0087FF

 EFF7FF

FFFFFF

Harmonies

Analogous

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



1FC4F1



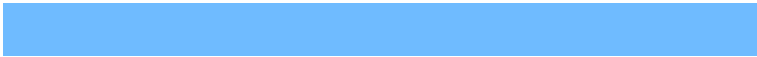
6FBBFF



AEAEF9

Triad

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



6FBBFF



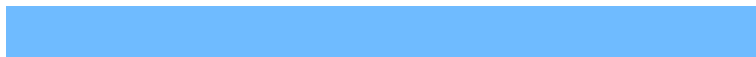
FE9998



83C487

Complementary

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



6FBBFF



FFB36F

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.



AFBC6F



6FBBFF



F0A37A

Square

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



6FBBFF



F898BE



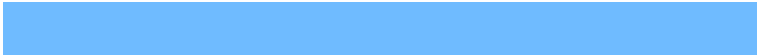
D4B06A



4FC8AC

Rectangle

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



6FBBFF



CFA5EB



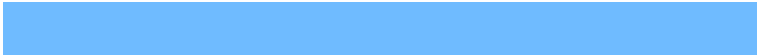
D4B06A



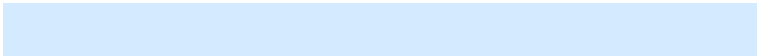
92C27D

Sweetspot

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



6FBBFF



D4EBFF



6FFFB2



667380



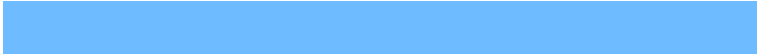
000000



808080

Same Dimension

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



6FBBFF



52ADFF



6F74FF



737980



0065BF



002240

Inverse Universe

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



FF6FBB



FF52AD



FFFA6F



807379



BF0065



400022

Previews

White Background



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

Color Contrast Check

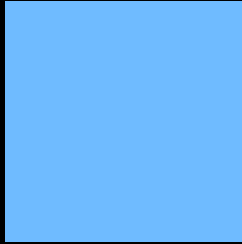
Large Text (above 18pt) WCAG AA × Fail

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 6FBBFF 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

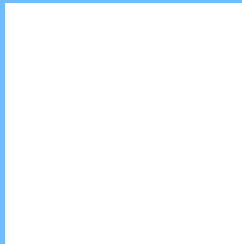
Any Text WCAG AAA ✓ Pass

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

Hex 6FBBFF Background



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



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

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](#).

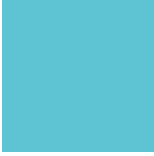
Dichromacy



Original Color
6FBBFF

Protanopia
9FB2F8




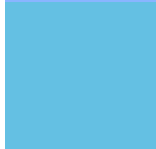
Deuteranopia
98B2FF






Tritanopia

5EC3D3

Trichromacy

	Original Color 6FBBFF
	Protanomaly 8EB5FB
	Deuteranomaly 89B5FF
	Tritanomaly 64C0E3

Monochromacy

	Original Color 6FBBFF
	Achromatopsia ACACAC
	Achromatomaly 96B1CA

CSS Examples

Text

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

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


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 #6FBBFF colored shadow looks like.

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

Border

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


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

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

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

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

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


Background

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

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

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

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

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