

Converting Colors

Hex(6BBFFC)

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

Hex(6BBFFC)	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(6BBFFC)

Conversions

Conversions Part 1

Format	Color
Hex	6BBFFC
RGB	107, 191, 252
RGB Percent	42%, 75%, 99%
CMY	0.5804, 0.2510, 0.0118
CMYK	0.58, 0.24, 0.00, 0.01
HSL	205°, 96%, 70%
HSV	205°, 58%, 99%
XYZ	42.2649, 47.4157, 99.0200
YIQ	172.8380, -69.6450, 1.1630

Conversions

Conversions Part 2

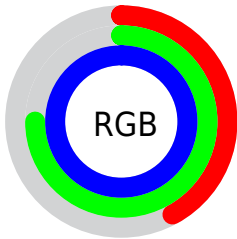
Format	Color
RYB	107, 160, 252
Decimal	7061500
CIELab	74.45, -8.25, -37.81
CIELCh	74, 38.703, 257.685
Yxy	47.4157, 0.2240, 0.2513
Android (android.graphics.Color)	4285251580 (0xFF6BBFFC)
YUV	172.8380, 39.0269, -57.7399
Hunter-Lab	68.8590, -10.9421, -37.0583

Details

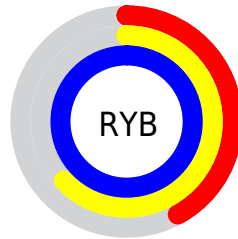
The Hex color **6BBFFC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FCA86B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A8F7FF**, and **238AC3** is the 20% darker color. If you saturate the color by 10%, you get **52B4FC**, and if you desaturate by 10%, it is **84CAFC**.

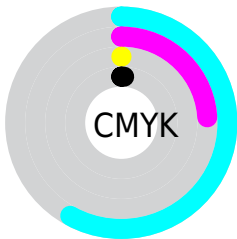
Distribution



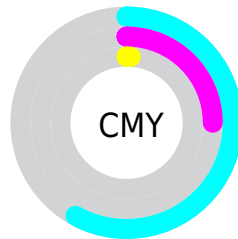
- Red (42%)
- Green (75%)
- Blue (99%)



- Red (42%)
- Yellow (63%)
- Blue (99%)



- Cyan (58%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)



- Cyan (58%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 6BBFFC

 6BBFFC

FFFFFF

 4BA4DF

 A8F7FF

 238AC3

 C6FFFF

 0070A8

 E4FFFF

 00588D

 004173

 002B5A

 001842

 00032C

 000116

■ 6BBFFC

■ 6BBFFC

■ 52B4FC

■ 84CAFC

■ 39AAFC

■ 9DD4FC

■ 1F9FFC

■ B7DFFC

■ 0695FC

■ D0E9FC

■ 0092FC

■ E9F4FC

FFFFFC

Harmonies

Analogous

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



31C7EB



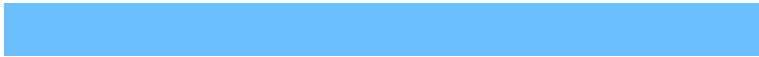
6BBFFC



A6B3FB

Triad

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



6BBFFC



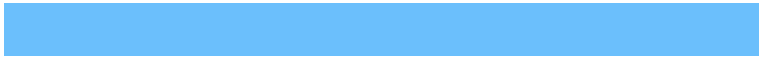
FD9CA3



91C486

Complementary

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



6BBFFC



FCA86B

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.



BABC72



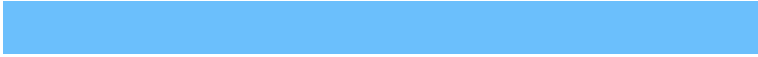
6BBFFC



F4A484

Square

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



6BBFFC



F39DC7



DCB072



64C9A7

Rectangle

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



6BBFFC



C7ABF0



DCB072



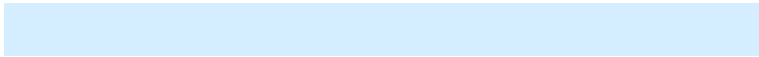
9FC27E

Sweetspot

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



6BBFFC



D4EDFF



6BFCA7



667580



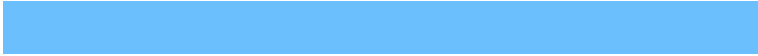
000000



808080

Same Dimension

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



6BBFFC



4FB5FF



6B77FC



70787D



006DBD



00233D

Inverse Universe

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



FC6BBF



FF4FB5



FCF06B



7D7078



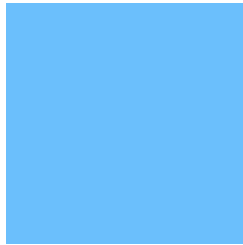
BD006D



3D0023

Previews

White Background



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

Color Contrast Check

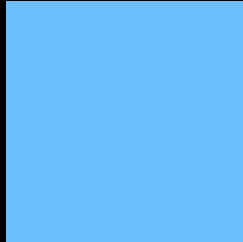
Large Text (above 18pt) WCAG AA × Fail

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 6BBFFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

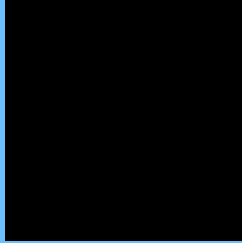
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

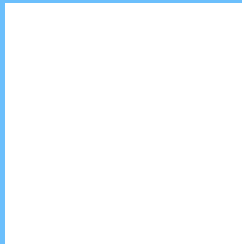
Any Text WCAG AAA ✓ Pass

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

Hex 6BBFFC Background



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

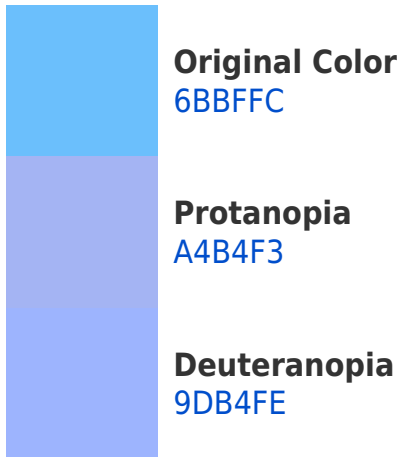


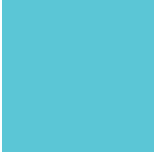
This preview shows how white text looks on a background with the Hex color 6BBFFC.

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](#).

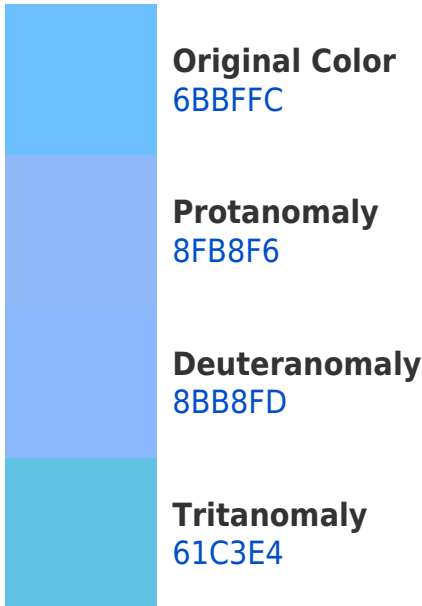
Dichromacy



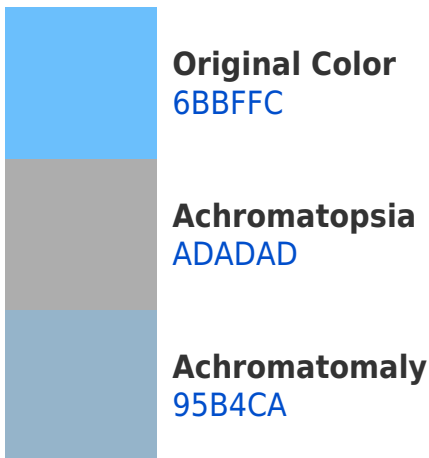


Tritanopia
5BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6BBFFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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