

Converting Colors

Hex(7BB6FC)

Have a look what the booklet for
Hex(7BB6FC) contains.

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Color

Hex(7BB6FC)

Conversions

Conversions Part 1

Format	Color
Hex	7BB6FC
RGB	123, 182, 252
RGB Percent	48%, 71%, 99%
CMY	0.5176, 0.2863, 0.0118
CMYK	0.51, 0.28, 0.00, 0.01
HSL	213°, 96%, 74%
HSV	213°, 51%, 99%
XYZ	42.4670, 44.6951, 98.4842
YIQ	172.3390, -57.6340, 9.2620

Conversions

Conversions Part 2

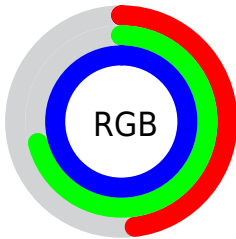
Format	Color
R _Y B	123, 163, 252
Decimal	8107772
CIE Lab	72.69, -0.04, -40.50
CIE LCh	73, 40.504, 269.939
Yxy	44.6951, 0.2288, 0.2408
Android (android.graphics.Color)	4286297852 (0xFF7BB6FC)
YUV	172.3390, 39.2729, -43.2703
Hunter-Lab	66.8544, -3.6091, -40.5429

Details

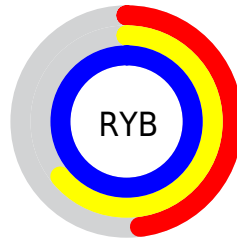
The Hex color **7BB6FC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FCC17B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B6EEFF**, and **3E81C3** is the 20% darker color. If you saturate the color by 10%, you get **62A8FC**, and if you desaturate by 10%, it is **94C4FC**.

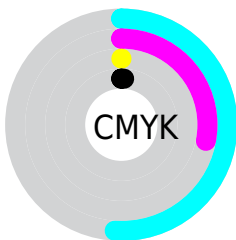
Distribution



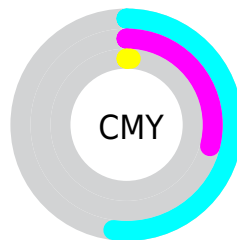
- Red (48%)
- Green (71%)
- Blue (99%)



- Red (48%)
- Yellow (64%)
- Blue (99%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (52%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB6FC 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 7BB6FC by changing the saturation by 10% instead.

 7BB6FC

 7BB6FC

FFFFFF

 5D9BDF

 B6EEFF

 3E81C3

 D3FFFF

 1368A8

 F1FFFF

 00518D

 003A73

 00255A

 001042

 00032B

 000116

 7BB6FC

 7BB6FC

 62A8FC

 94C4FC

 499BFC

 ADD1FC

 2F8DFC

 C7DFFC

 167FFC

 E0EDFC

 0073FC

 F9FAFC

FFFFFFC

Harmonies

Analogous

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



31C0F2



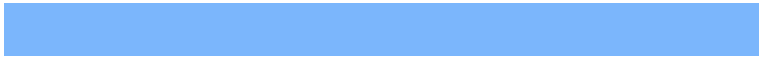
7BB6FC



B6A9F3

Triad

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



7BB6FC



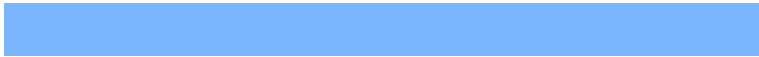
F9988F



78C38C

Complementary

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



7BB6FC



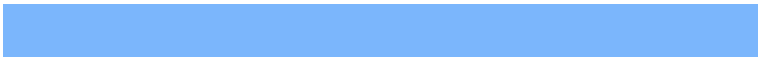
FCC17B

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.



A4BB71



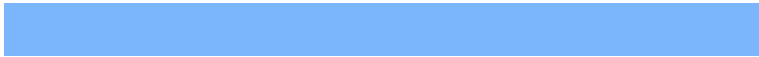
7BB6FC



E8A373

Square

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



7BB6FC



F795B4



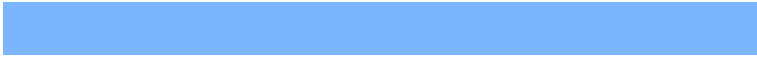
CAB067



42C6B1

Rectangle

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



7BB6FC



D5A0E2



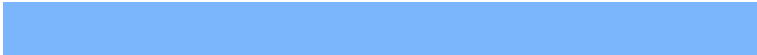
CAB067



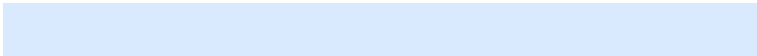
87C181

Sweetspot

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



7BB6FC



D9EAFF



7BFCC0



697380



000000



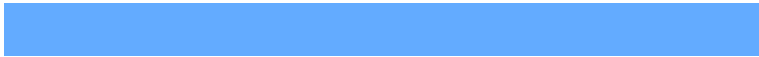
808080

Same Dimension

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



7BB6FC



63ABFF



7F7BFC



70767D



0056BD



001C3D

Inverse Universe

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



FC7BB6



FF63AB



F8FC7B



7D7076



BD0056



3D001C

Previews

White Background



This preview shows how the Hex color 7BB6FC looks on a white background.

Color Contrast Check

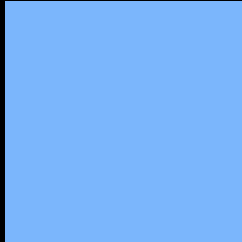
Large Text (above 18pt) WCAG AA × Fail

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 7BB6FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

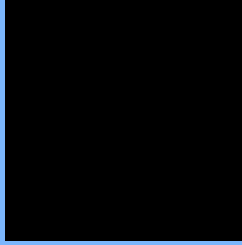
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

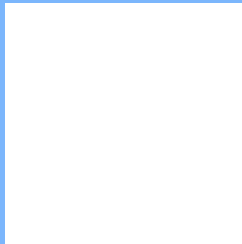
Any Text WCAG AAA ✓ Pass

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

Hex 7BB6FC Background



This preview shows how black text looks on a background with the Hex color 7BB6FC.

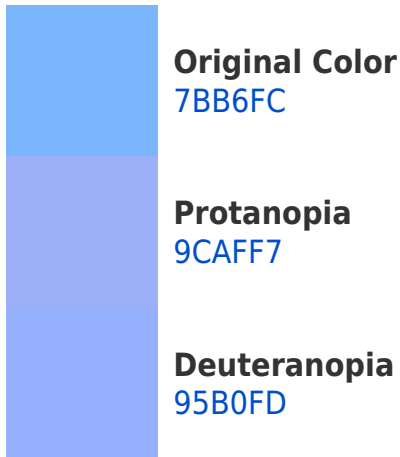


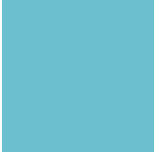
This preview shows how white text looks on a background with the Hex color 7BB6FC.

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
6CBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB6FC 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 #7BB6FC looks like.

```
.text, #text, p{  
    color:#7BB6FC  
}
```

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 #7BB6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB6FC  
}
```

Border

The CSS property to change the border of an element to Hex 7BB6FC 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  
#7BB6FC }
```

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

```
.border{ border-color:#7BB6FC }
```

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

Here you see how a box with a 4 pixel #7BB6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB6FC; -webkit-box-shadow:4px 4px  
4px 4px #7BB6FC; box-shadow:4px 4px 4px  
4px #7BB6FC }
```

Background

The CSS property to change the background color of an element to Hex 7BB6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB6FC }
```

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

```
.background{ background-color:#7BB6FC }
```

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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