

Converting Colors

Hex(7BC7F6)

Have a look what the booklet for
Hex(7BC7F6) contains.

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Color

Hex(7BC7F6)

Conversions

Conversions Part 1

Format	Color
Hex	7BC7F6
RGB	123, 199, 246
RGB Percent	48%, 78%, 96%
CMY	0.5176, 0.2196, 0.0353
CMYK	0.50, 0.19, 0.00, 0.04
HSL	203°, 87%, 72%
HSV	203°, 50%, 96%
XYZ	45.2264, 51.7116, 94.7864
YIQ	181.6340, -60.3830, -1.4950

Conversions

Conversions Part 2

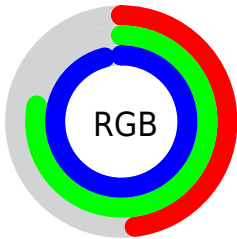
Format	Color
R_{YB}	123, 170, 246
Decimal	8112118
CIE _{Lab}	77.11, -10.98, -30.44
CIE _{LCh}	77, 32.355, 250.166
Yxy	51.7116, 0.2359, 0.2697
Android (android.graphics.Color)	4286302198 (0xFF7BC7F6)
YUV	181.6340, 31.7324, -51.4220
Hunter-Lab	71.9108, -13.5811, -27.8133

Details

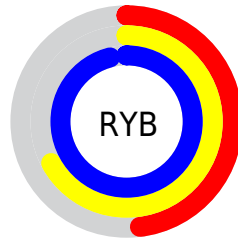
The Hex color **7BC7F6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6AA7B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B5FFFF**, and **3E91BE** is the 20% darker color. If you saturate the color by 10%, you get **62BEF6**, and if you desaturate by 10%, it is **94D0F6**.

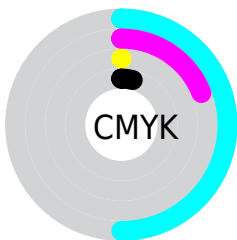
Distribution



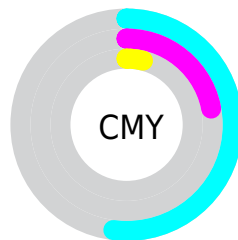
- Red (48%)
- Green (78%)
- Blue (96%)



- Red (48%)
- Yellow (67%)
- Blue (96%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC7F6 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 7BC7F6 by changing the saturation by 10% instead.

 7BC7F6

 7BC7F6

FFFFFF

 5DACD9

 B5FFFF

 3E91BE

 D3FFFF

 1578A2

 F1FFFF

 005F88

 00476E

 003156

 001D3E

 000328

 000112

■ 7BC7F6

■ 7BC7F6

■ 62BEF6

■ 94D0F6

■ 4AB4F6

■ ACDAF6

■ 31ABF6

■ C5E3F6

■ 19A1F6

■ DDEDF6

■ 0098F6

■ F6F6F6

■ FFFFF6

Harmonies

Analogous

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



60CDE4



7BC7F6



A6BEF9

Triad

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



7BC7F6



FAA8B5



A8C890

Complementary

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



7BC7F6



F6AA7B

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.



C9C083



7BC7F6



F7AD99

Square

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



7BC7F6



EDABD3



E5B687



85CDA9

Rectangle

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



7BC7F6



C3B7F2



E5B687



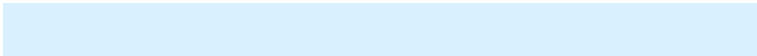
B4C68A

Sweetspot

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



7BC7F6



D9F0FF



7BF6A8



697780



000000



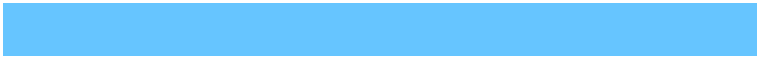
808080

Same Dimension

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



7BC7F6



66C5FF



7B8BF6



6E767A



0073BA



00243B

Inverse Universe

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



F67BC7



FF66C5



F6E67B



7A6E76



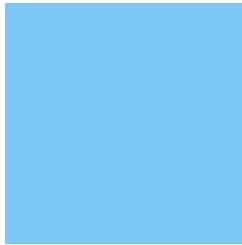
BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 7BC7F6 looks on a white background.

Color Contrast Check

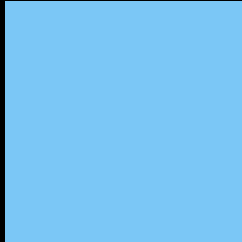
Large Text (above 18pt) WCAG AA × Fail

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 7BC7F6 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

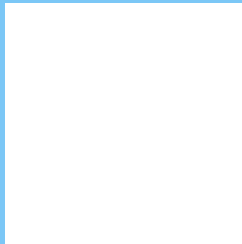
Any Text WCAG AAA ✓ Pass

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

Hex 7BC7F6 Background



This preview shows how black text looks on a background with the Hex color 7BC7F6.

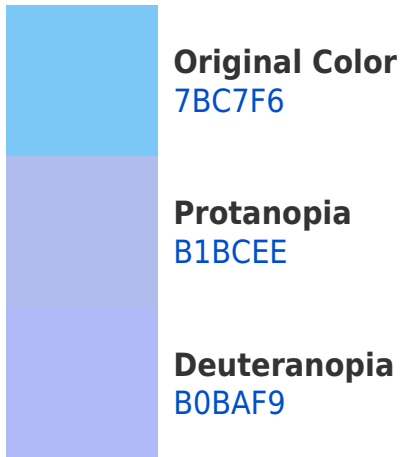


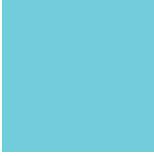
This preview shows how white text looks on a background with the Hex color 7BC7F6.

Color Blindness Simulation

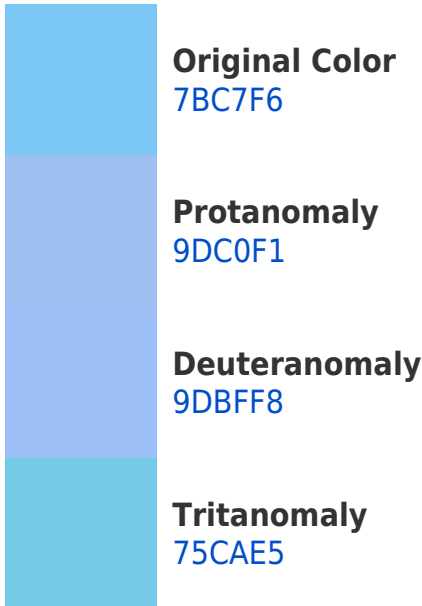
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

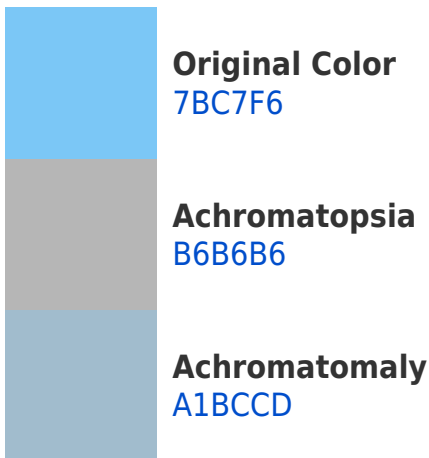




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC7F6 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 #7BC7F6 looks like.

```
.text, #text, p{  
    color:#7BC7F6  
}
```

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 #7BC7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC7F6
}
```

Border

The CSS property to change the border of an element to Hex 7BC7F6 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
#7BC7F6 }
```

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

```
.border{ border-color:#7BC7F6 }
```

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

Here you see how a box with a 4 pixel #7BC7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC7F6; -webkit-box-shadow:4px 4px  
4px 4px #7BC7F6; box-shadow:4px 4px 4px  
4px #7BC7F6 }
```

Background

The CSS property to change the background color of an element to Hex 7BC7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC7F6 }
```

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

```
.background{ background-color:#7BC7F6 }
```

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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