

Converting Colors

Hex(7FB3FE)

Have a look what the booklet for
Hex(7FB3FE) contains.

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Color

Hex(7FB3FE)

Conversions

Conversions Part 1

Format	Color
Hex	7FB3FE
RGB	127, 179, 254
RGB Percent	50%, 70%, 100%
CMY	0.5020, 0.2980, 0.0039
CMYK	0.50, 0.30, 0.00, 0.00
HSL	215°, 98%, 75%
HSV	215°, 50%, 100%
XYZ	42.7619, 43.9080, 99.9872
YIQ	172.0020, -55.0670, 12.3010

Conversions

Conversions Part 2

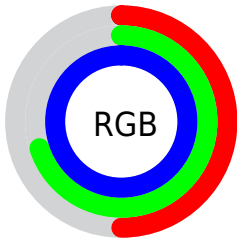
Format	Color
RYB	127, 164, 254
Decimal	8369150
CIELab	72.17, 3.10, -42.39
CIElCh	72, 42.499, 274.179
Yxy	43.9080, 0.2291, 0.2352
Android (android.graphics.Color)	4286559230 (0xFF7FB3FE)
YUV	172.0020, 40.4250, -39.4668
Hunter-Lab	66.2631, -0.7681, -43.0811

Details

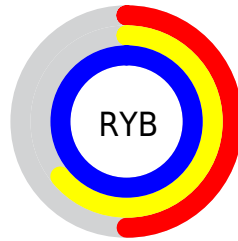
The Hex color **7FB3FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FECA7F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B9EBFF**, and **437FC5** is the 20% darker color. If you saturate the color by 10%, you get **66A4FE**, and if you desaturate by 10%, it is **98C2FE**.

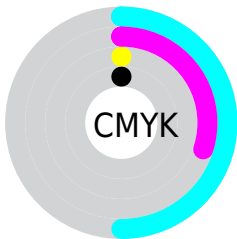
Distribution



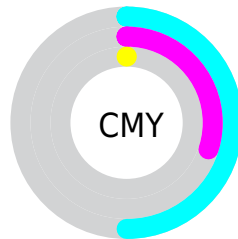
- Red (50%)
- Green (70%)
- Blue (100%)



- Red (50%)
- Yellow (64%)
- Blue (100%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB3FE 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 7FB3FE by changing the saturation by 10% instead.

 7FB3FE

 7FB3FE

FFFFFF

 6298E1

 B9EBFF

 437FC5

 D7FFFF

 1D66A9

 F5FFFF

 004E8F

 003875

 00235C

 000C44

 00032D

 000117

 7FB3FE

 7FB3FE

 66A4FE

 98C2FE

 4C95FE

 B2D1FE

 3386FE

 CBE0FE

 1977FE

 E5EFFE

 0068FE

FEFEFE

FFFFFFE

Harmonies

Analogous

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



29BEF6



7FB3FE



BCA5F1

Triad

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



7FB3FE



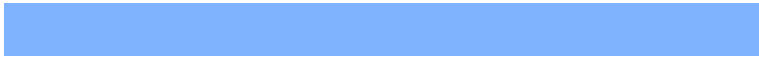
F99787



6BC38E

Complementary

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



7FB3FE



FECA7F

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.



9BBB6F



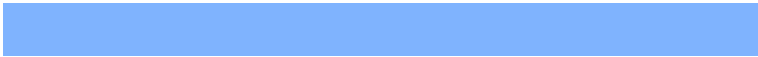
7FB3FE



E5A36C

Square

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



7FB3FE



FA92AD



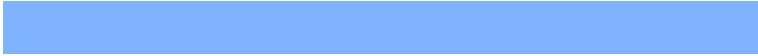
C5B062



27C5B5

Rectangle

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



7FB3FE



DA9CDF



C5B062



7CC182

Sweetspot

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



7FB3FE



D9E8FF



7FFEC9



697280



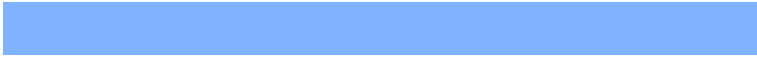
000000



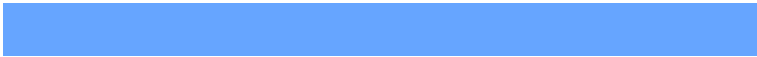
808080

Same Dimension

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



7FB3FE



66A5FF



8A7FFE



737880



004EBF



001A40

Inverse Universe

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



FE7FB3



FF66A5



F3FE7F



807378



BF004E



40001A

Previews

White Background



This preview shows how the Hex color 7FB3FE looks on a white background.

Color Contrast Check

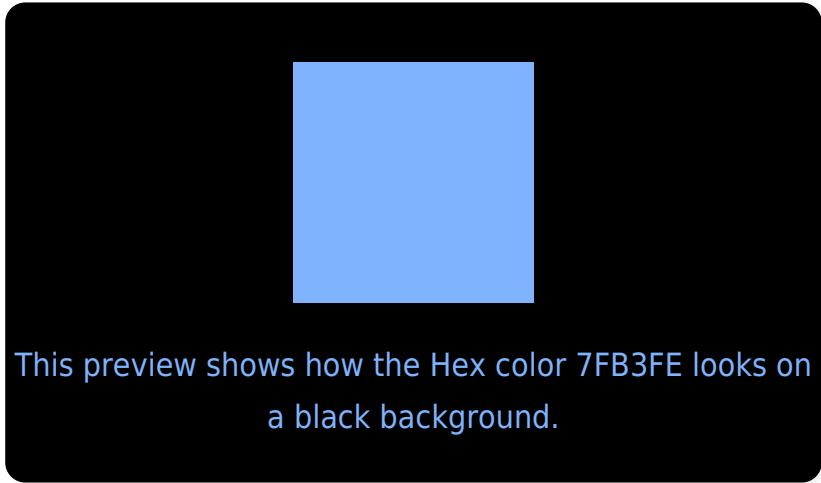
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

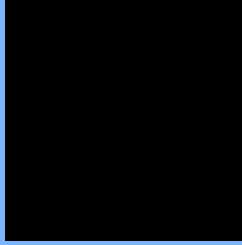
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

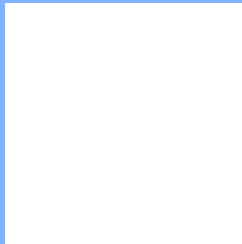
Any Text WCAG AAA ✓ Pass

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

Hex 7FB3FE Background



This preview shows how black text looks on a background with the Hex color 7FB3FE.

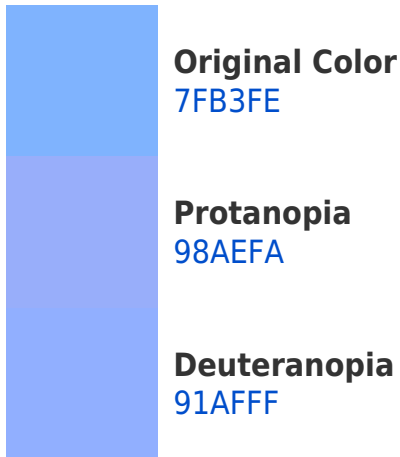


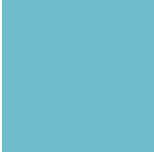
This preview shows how white text looks on a background with the Hex color 7FB3FE.

Color Blindness Simulation

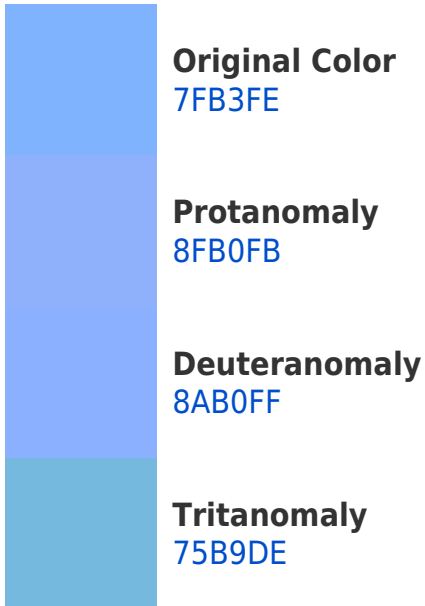
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

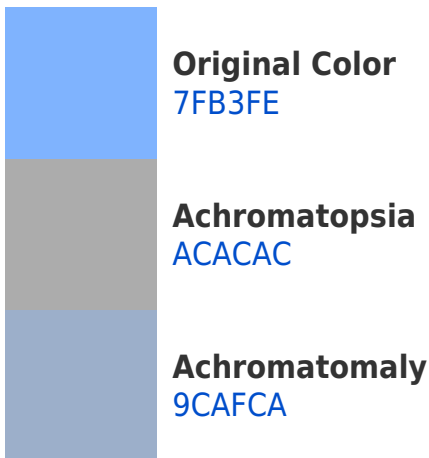




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB3FE 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 #7FB3FE looks like.

```
.text, #text, p{  
    color:#7FB3FE  
}
```

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 #7FB3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB3FE
}
```

Border

The CSS property to change the border of an element to Hex 7FB3FE 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
#7FB3FE }
```

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

```
.border{ border-color:#7FB3FE }
```

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

Here you see how a box with a 4 pixel #7FB3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB3FE; -webkit-box-shadow:4px 4px  
4px 4px #7FB3FE; box-shadow:4px 4px 4px  
4px #7FB3FE }
```

Background

The CSS property to change the background color of an element to Hex 7FB3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB3FE }
```

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

```
.background{ background-color:#7FB3FE }
```

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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