

# Converting Colors

Hex(80B7FA)

Have a look what the booklet for  
Hex(80B7FA) contains.

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# **Color**

**Hex(80B7FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B7FA
RGB	128, 183, 250
RGB Percent	50%, 72%, 98%
CMY	0.4980, 0.2824, 0.0196
CMYK	0.49, 0.27, 0.00, 0.02
HSL	213°, 92%, 74%
HSV	213°, 49%, 98%
XYZ	43.0909, 45.3583, 96.9264
YIQ	174.1930, -54.2870, 9.1770

# Conversions

## Conversions Part 2

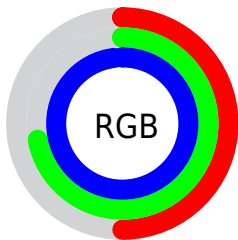
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 166, 250</a>
Decimal	<a href="#">8435706</a>
CIELab	<a href="#">73.13, -0.06, -38.73</a>
CIElCh	<a href="#">73, 38.726, 269.909</a>
Yxy	<a href="#">45.3583, 0.2325, 0.2447</a>
Android (android.graphics.Color)	<a href="#">4286625786 (0xFF80B7FA)</a>
YUV	<a href="#">174.1930, 37.3729, -40.5113</a>
Hunter-Lab	<a href="#">67.3486, -3.6523, -38.1847</a>

# Details

The Hex color **80B7FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAC380**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BAEFFF**, and **4582C1** is the 20% darker color. If you saturate the color by 10%, you get **67A9FA**, and if you desaturate by 10%, it is **99C5FA**.

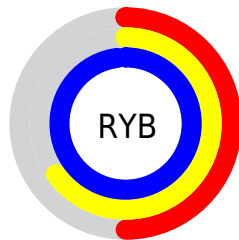
# Distribution



Red (50%)

Green (72%)

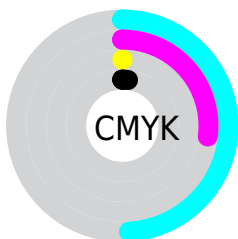
Blue (98%)



Red (50%)

Yellow (65%)

Blue (98%)

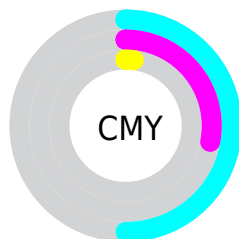


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (50%)

Magenta (28%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80B7FA 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 80B7FA by changing the saturation by 10% instead.



 80B7FA

 80B7FA


FFFFFF

 639CDD

 BAEFFF

 4582C1

 D7FFFF

 2169A6

 F5FFFF

 00518B

 003B71

 002659

 001141

 00032A

 000114

■ 80B7FA

■ 80B7FA

■ 67A9FA

■ 99C5FA

■ 4E9CFA

■ B2D2FA

■ 358EFA

■ CBE0FA

■ 1C80FA

■ E4EEFA

■ 0372FA

■ FDFCFA

■ 0071FA

■ FFFFFA

# Harmonies

## Analogous

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



41C1F0



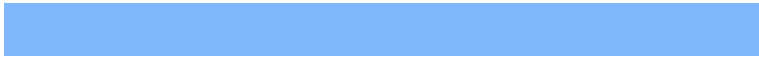
80B7FA



B7AAF1

# Triad

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



80B7FA



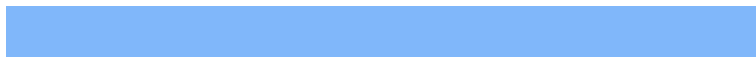
F89B92



7CC38F

# Complementary

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



80B7FA



FAC380

# 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.



A6BC75



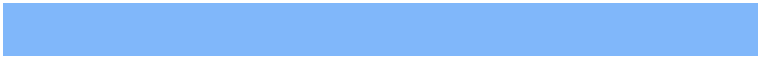
80B7FA



E8A577

# Square

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



80B7FA



F698B5



CBB16C



4CC6B2

# Rectangle

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



80B7FA



D5A2E2



CBB16C

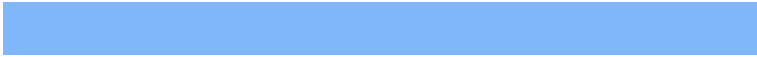


8AC185

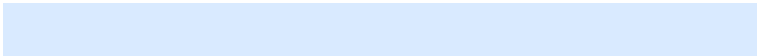


# Sweetspot

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



80B7FA



D9EAFF



80FAC1



697380



000000



808080

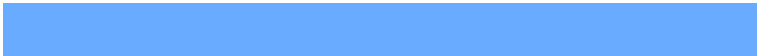


# Same Dimension

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



80B7FA



69ACFF



8480FA



70767D



0055BD



001C3D



# Inverse Universe

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



FA80B7



FF69AC



F6FA80



7D7076



BD0055

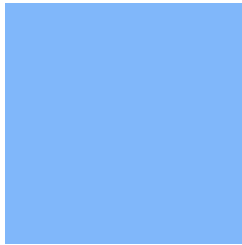


3D001C



# Previews

## White Background



This preview shows how the Hex color 80B7FA looks on a white background.

## Color Contrast Check

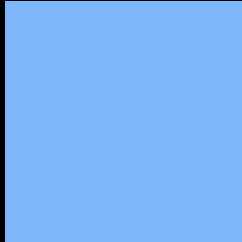
Large Text (above 18pt) WCAG AA × Fail

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 80B7FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

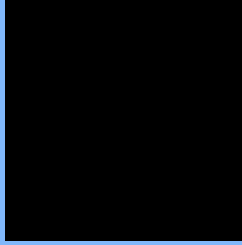
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

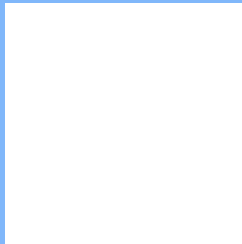
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80B7FA Background



This preview shows how black text looks on a background with the Hex color 80B7FA.

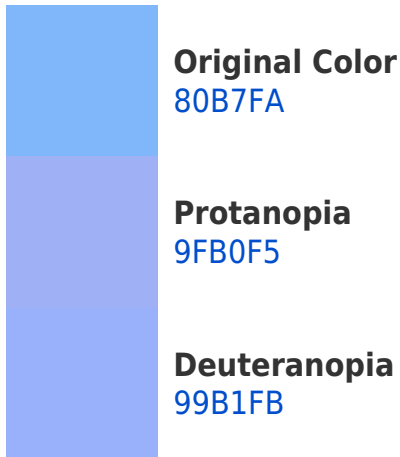


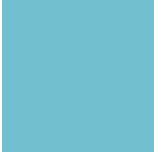
This preview shows how white text looks on a background with the Hex color 80B7FA.

# 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](#).

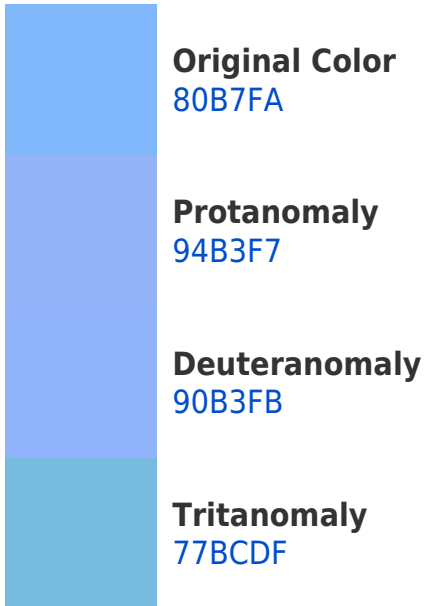
## Dichromacy



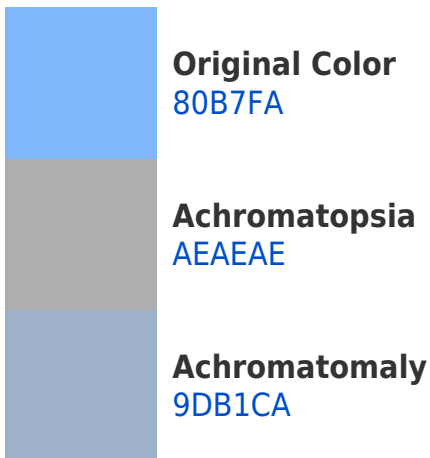


**Tritanopia**  
72BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80B7FA 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 #80B7FA looks like.

```
.text, #text, p{  
    color:#80B7FA  
}
```

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 #80B7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B7FA
}
```

## Border

The CSS property to change the border of an element to Hex 80B7FA 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
#80B7FA }
```

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

```
.border{ border-color:#80B7FA }
```

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

Here you see how a box with a 4 pixel #80B7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B7FA; -webkit-box-shadow:4px 4px  
4px 4px #80B7FA; box-shadow:4px 4px 4px  
4px #80B7FA }
```

# Background

The CSS property to change the background color of an element to Hex 80B7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B7FA }
```

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

```
.background{ background-color:#80B7FA }
```

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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