

Converting Colors

Hex(81B5FA)

Have a look what the booklet for
Hex(81B5FA) contains.

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Color

Hex(81B5FA)

Conversions

Conversions Part 1

Format	Color
Hex	81B5FA
RGB	129, 181, 250
RGB Percent	51%, 71%, 98%
CMY	0.4941, 0.2902, 0.0196
CMYK	0.48, 0.28, 0.00, 0.02
HSL	214°, 92%, 74%
HSV	214°, 48%, 98%
XYZ	42.8325, 44.6170, 96.7969
YIQ	173.3180, -53.1410, 10.4350

Conversions

Conversions Part 2

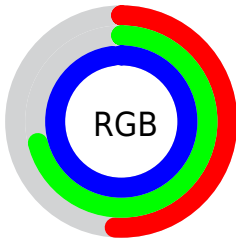
Format	Color
R _Y B	129, 165, 250
Decimal	8500730
CIE Lab	72.64, 1.27, -39.48
CIE LCh	73, 39.503, 271.847
Yxy	44.6170, 0.2325, 0.2422
Android (android.graphics.Color)	4286690810 (0xFF81B5FA)
YUV	173.3180, 37.8042, -38.8669
Hunter-Lab	66.7960, -2.4310, -39.1625

Details

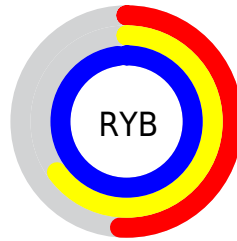
The Hex color **81B5FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAC681**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BBEDFF**, and **4680C1** is the 20% darker color. If you saturate the color by 10%, you get **68A7FA**, and if you desaturate by 10%, it is **9AC3FA**.

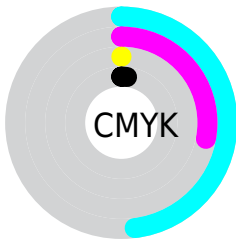
Distribution



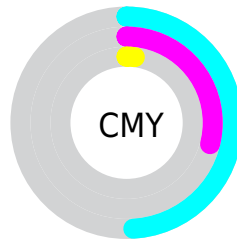
- Red (51%)
- Green (71%)
- Blue (98%)



- Red (51%)
- Yellow (65%)
- Blue (98%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B5FA 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 81B5FA by changing the saturation by 10% instead.

 81B5FA

 81B5FA

FFFFFF

 649ADD

 BBEDFF

 4680C1

 D8FFFF

 2368A6

 F6FFFF

 00508B

 003971


 002458

 000E41

 00032A

 000114

 81B5FA

 81B5FA

 68A7FA

 9AC3FA

 4F98FA

 B3D2FA

 368AFA

 CCE0FA

 1D7CFA

 E5EEFA

 046EFA

 FEFCFA

 006BFA

 FFFFFA

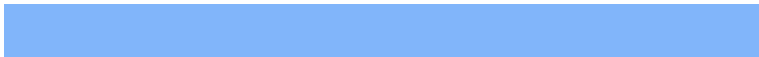
Harmonies

Analogous

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



3EBFF1



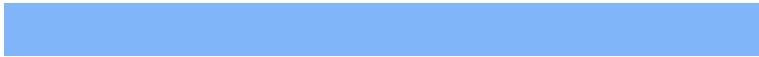
81B5FA



B9A8F0

Triad

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



81B5FA



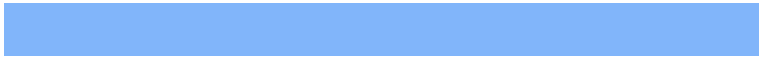
F79A8E



76C28F

Complementary

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



81B5FA



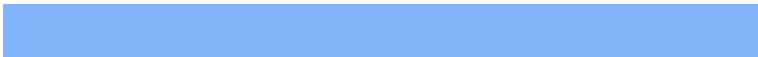
FAC681

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.



A2BB73



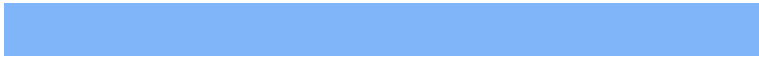
81B5FA



E6A473

Square

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



81B5FA



F696B1



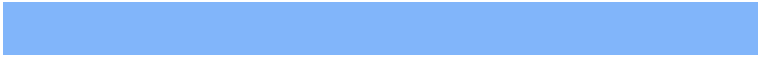
C8B169



43C5B3

Rectangle

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



81B5FA



D69FDF



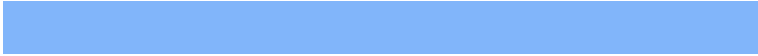
C8B169



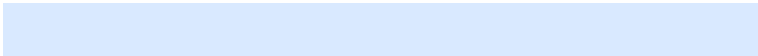
85C184

Sweetspot

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



81B5FA



D9E9FF



81FAC6



697280



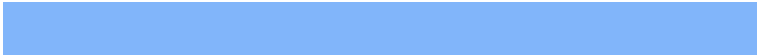
000000



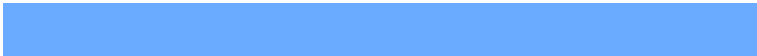
808080

Same Dimension

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



81B5FA



6BABFF



8981FA



70767D



0051BD



001A3D

Inverse Universe

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



FA81B5



FF6BAB



F2FA81



7D7076



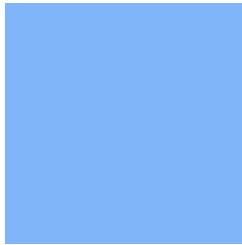
BD0051



3D001A

Previews

White Background



This preview shows how the Hex color 81B5FA looks on a white background.

Color Contrast Check

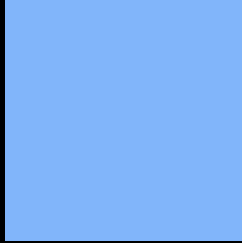
Large Text (above 18pt) WCAG AA × Fail

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 81B5FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

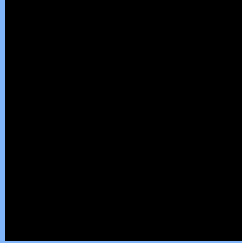
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

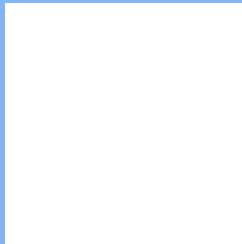
Any Text WCAG AAA ✓ Pass

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

Hex 81B5FA Background



This preview shows how black text looks on a background with the Hex color 81B5FA.

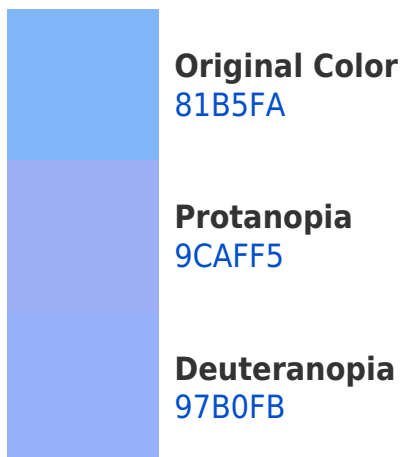


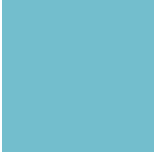
This preview shows how white text looks on a background with the Hex color 81B5FA.

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](#).

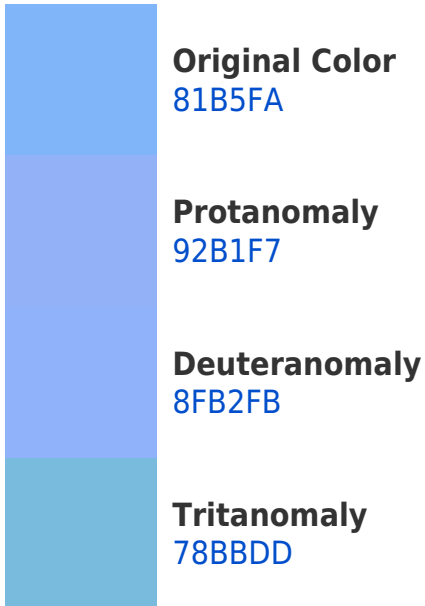
Dichromacy



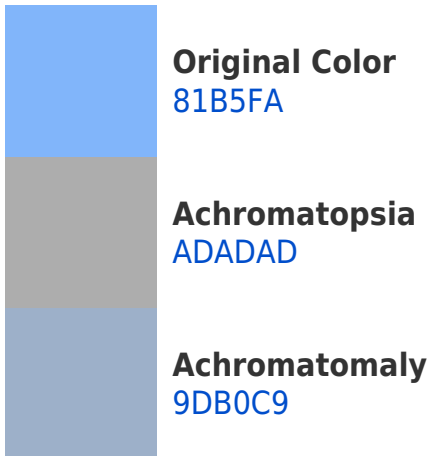


Tritanopia
73BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B5FA 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 #81B5FA looks like.

```
.text, #text, p{  
    color:#81B5FA  
}
```

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 #81B5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B5FA
}
```

Border

The CSS property to change the border of an element to Hex 81B5FA 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
#81B5FA }
```

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

```
.border{ border-color:#81B5FA }
```

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

Here you see how a box with a 4 pixel #81B5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B5FA; -webkit-box-shadow:4px 4px  
4px 4px #81B5FA; box-shadow:4px 4px 4px  
4px #81B5FA }
```

Background

The CSS property to change the background color of an element to Hex 81B5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B5FA }
```

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

```
.background{ background-color:#81B5FA }
```

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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