

# Converting Colors

Hex(8AB9F7)

Have a look what the booklet for  
Hex(8AB9F7) contains.

|  |    |
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# **Color**

**Hex(8AB9F7)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 8AB9F7                     |
| RGB         | 138, 185, 247              |
| RGB Percent | 54%, 73%, 97%              |
| CMY         | 0.4588, 0.2745, 0.0314     |
| CMYK        | 0.44, 0.25, 0.00, 0.03     |
| HSL         | 214°, 87%, 75%             |
| HSV         | 214°, 44%, 97%             |
| XYZ         | 44.6187, 46.8166, 94.6805  |
| YIQ         | 178.0150, -47.9140, 9.3180 |

# Conversions

## Conversions Part 2

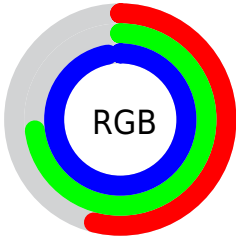
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 138, 171, 247                  |
| Decimal                             | 9091575                        |
| CIE Lab                             | 74.07, 0.35, -35.60            |
| CIE LCh                             | 74, 35.601, 270.566            |
| Yxy                                 | 46.8166, 0.2397,<br>0.2515     |
| Android<br>(android.graphics.Color) | 4287281655<br>(0xFF8AB9F7)     |
| YUV                                 | 178.0150, 34.0096,<br>-35.0932 |
| Hunter-Lab                          | 68.4227, -3.3391,<br>-34.1473  |

# Details

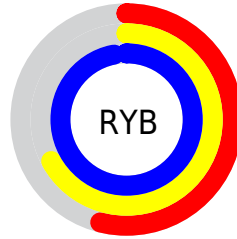
The Hex color **8AB9F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7C88A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C3F1FF**, and **5184BE** is the 20% darker color. If you saturate the color by 10%, you get **71ABF7**, and if you desaturate by 10%, it is **A3C7F7**.

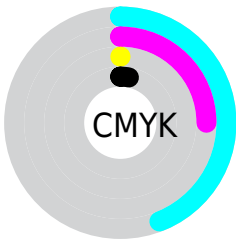
# Distribution



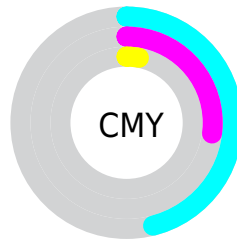
- Red (54%)
- Green (73%)
- Blue (97%)



- Red (54%)
- Yellow (67%)
- Blue (97%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (27%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB9F7 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 8AB9F7 by changing the saturation by 10% instead.



 8AB9F7

 8AB9F7

FFFFFF

 6E9EDA

 C3F1FF

 5184BE

 E0FFFF

 336BA3

FEFFFF

 085389

 003C6F

 002756

 00123F

 000328

 000112

■ 8AB9F7

■ 8AB9F7

■ 71ABF7

■ A3C7F7

■ 599DF7

■ BBD5F7

■ 408FF7

■ D4E3F7

■ 2781F7

■ EDF1F7

■ 0E73F7

■ FFFFF7

■ 006BF7

# Harmonies

## Analogous

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



58C2EE



8AB9F7



BBADEE

# Triad

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



8AB9F7



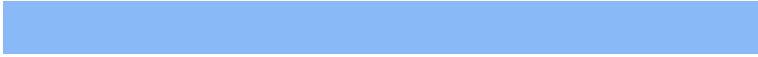
F5A096



83C595

# Complementary

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



8AB9F7



F7C88A

# 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.



A9BE7D



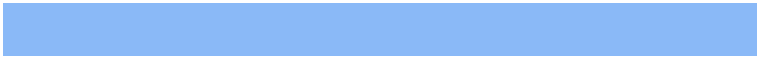
8AB9F7



E7A97E

# Square

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



8AB9F7



F49DB7



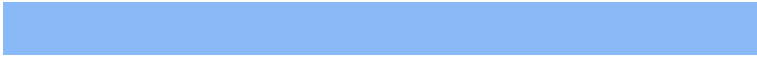
CCB474



5BC8B6

# Rectangle

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



8AB9F7



D5A6E0



CCB474



90C38C



# Sweetspot

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



8AB9F7



DEECFF



8AF7C8



6B7480



000000

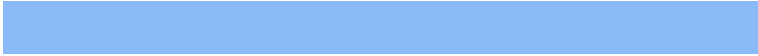


808080

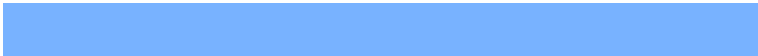


# Same Dimension

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



8AB9F7



78B2FF



918AF7



6E737A



0050BA



00193B



# Inverse Universe

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



F78AB9



FF78B2



F0F78A



7A6E73



BA0050

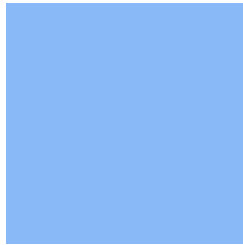


3B0019



# Previews

## White Background



This preview shows how the Hex color 8AB9F7 looks on a white background.

## Color Contrast Check

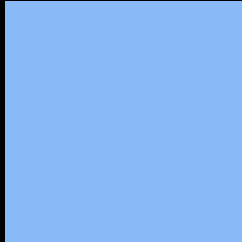
Large Text (above 18pt) WCAG AA × Fail

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 8AB9F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

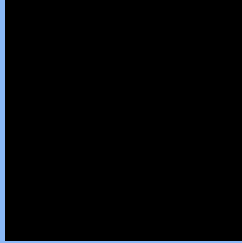
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

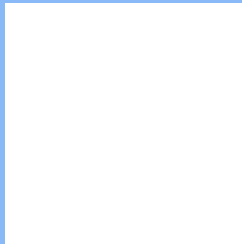
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AB9F7 Background



This preview shows how black text looks on a background with the Hex color 8AB9F7.

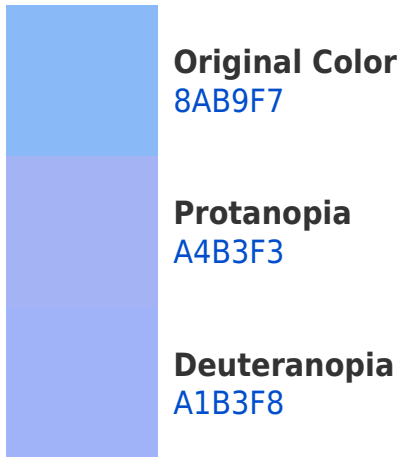


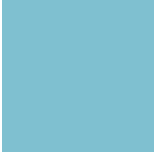
This preview shows how white text looks on a background with the Hex color 8AB9F7.

# 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](#).

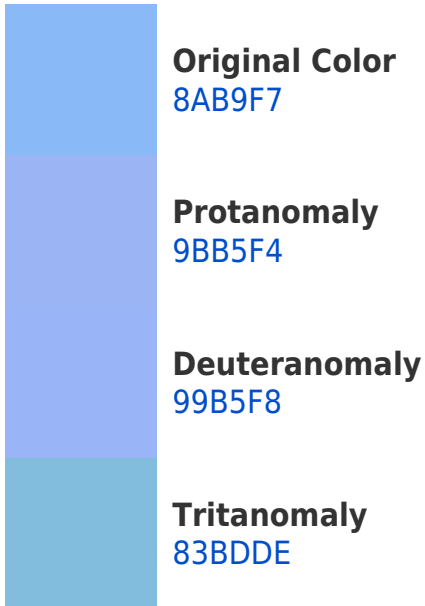
## Dichromacy



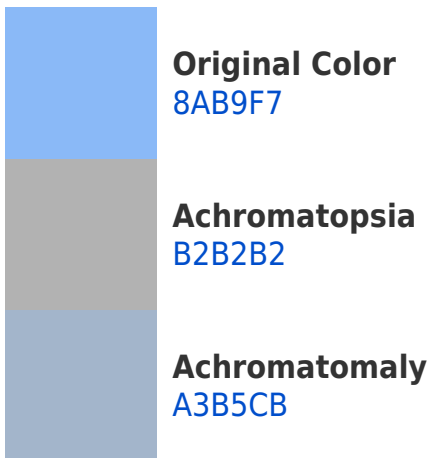


**Tritanopia**  
7FC0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB9F7 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 #8AB9F7 looks like.

```
.text, #text, p{  
    color:#8AB9F7  
}
```

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 #8AB9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB9F7
}
```

## Border

The CSS property to change the border of an element to Hex 8AB9F7 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
#8AB9F7 }
```

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

```
.border{ border-color:#8AB9F7 }
```

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

Here you see how a box with a 4 pixel #8AB9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB9F7; -webkit-box-shadow:4px 4px  
4px 4px #8AB9F7; box-shadow:4px 4px 4px  
4px #8AB9F7 }
```

# Background

The CSS property to change the background color of an element to Hex 8AB9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB9F7 }
```

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

```
.background{ background-color:#8AB9F7 }
```

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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