

# Converting Colors

Hex(8AA2FD)

Have a look what the booklet for  
Hex(8AA2FD) contains.

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# **Color**

**Hex(8AA2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AA2FD
RGB	138, 162, 253
RGB Percent	54%, 64%, 99%
CMY	0.4588, 0.3647, 0.0078
CMYK	0.45, 0.36, 0.00, 0.01
HSL	227°, 97%, 77%
HSV	227°, 45%, 99%
XYZ	41.1312, 38.3358, 98.1602
YIQ	165.1980, -43.5150, 23.2130

# Conversions

## Conversions Part 2

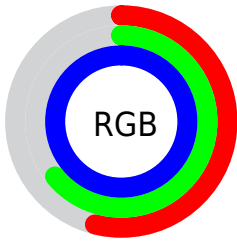
Format	Color
<a href="#">RYB</a>	<a href="#">138, 158, 253</a>
Decimal	<a href="#">9085693</a>
CIELab	<a href="#">68.27, 14.97, -47.92</a>
CIElCh	<a href="#">68, 50.203, 287.352</a>
Yxy	<a href="#">38.3358, 0.2316, 0.2158</a>
Android (android.graphics.Color)	<a href="#">4287275773</a> ( <a href="#">0xFF8AA2FD</a> )
YUV	<a href="#">165.1980, 43.2864, -23.8526</a>
Hunter-Lab	<a href="#">61.9159, 10.2260, -50.6560</a>

# Details

The Hex color **8AA2FD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDE58A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C4D9FF**, and **506FC4** is the 20% darker color. If you saturate the color by 10%, you get **718EFD**, and if you desaturate by 10%, it is **A3B6FD**.

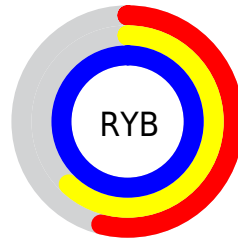
# Distribution



Red (54%)

Green (64%)

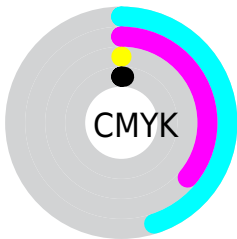
Blue (99%)



Red (54%)

Yellow (62%)

Blue (99%)

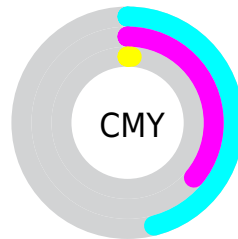


Cyan (45%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (46%)

Magenta (36%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AA2FD 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 8AA2FD by changing the saturation by 10% instead.



 8AA2FD

 8AA2FD


FFFFFF

 6D88E0

 C4D9FF

 506FC4

 E1F5FF

 3157A8

 00408D

 002A73

 00175A

 000142

 00032B

 000115

■ 8AA2FD

■ 8AA2FD

■ 718EFD

■ A3B6FD

■ 577AFD

■ BDCAFD

■ 3E66FD

■ D6DEFD

■ 2552FD

■ EFF2FD

■ 0B3EFD

FFFFFD

■ 0035FD

# Harmonies

## Analogous

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



00B1FE



8AA2FD



CB90E4

# Triad

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



8AA2FD



F08D65



1BBC91

# Complementary

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



8AA2FD



FDE58A

# 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.



74B767



8AA2FD



D29D4C

# Square

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



8AA2FD



FC818E



A7AC4C



00BDC0

# Rectangle

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



8AA2FD



E786CA



A7AC4C



45BB82



# Sweetspot

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



8AA2FD



DBE3FF



8AFDE4



6A6E80



000000



808080



# Same Dimension

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



8AA2FD



7390FF



AB8AFD



737580



0028BF



000D40



# Inverse Universe

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



FD8AA2



FF7390



DCFD8A



807375



BF0028

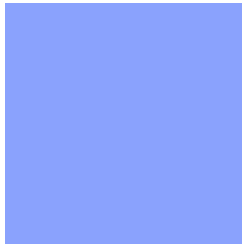


40000D



# Previews

## White Background



This preview shows how the Hex color 8AA2FD looks on a white background.

## Color Contrast Check

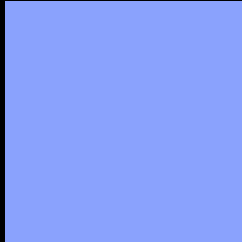
Large Text (above 18pt) WCAG AA × Fail

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 8AA2FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

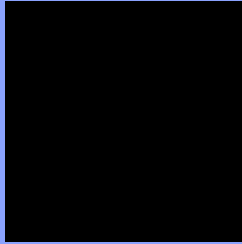
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AA2FD Background



This preview shows how black text looks on a background with the Hex color 8AA2FD.



This preview shows how white text looks on a background with the Hex color 8AA2FD.

# 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



**Original Color**

8AA2FD

**Protanopia**

86A3FE

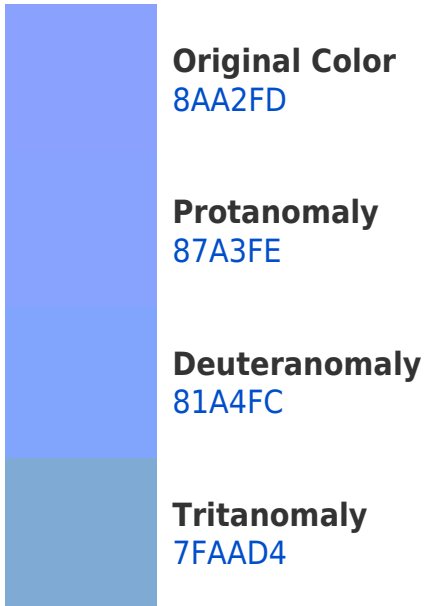
**Deuteranopia**

7CA5FC

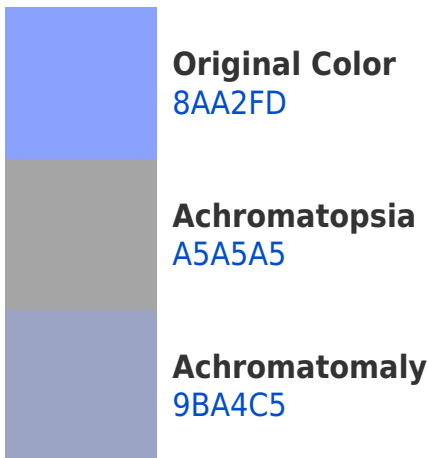


**Tritanopia**  
78AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AA2FD 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 #8AA2FD looks like.

```
.text, #text, p{  
    color:#8AA2FD  
}
```

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 #8AA2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA2FD
}
```

## Border

The CSS property to change the border of an element to Hex 8AA2FD 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
#8AA2FD }
```

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

```
.border{ border-color:#8AA2FD }
```

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

Here you see how a box with a 4 pixel #8AA2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA2FD; -webkit-box-shadow:4px 4px  
4px 4px #8AA2FD; box-shadow:4px 4px 4px  
4px #8AA2FD }
```

# Background

The CSS property to change the background color of an element to Hex 8AA2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA2FD }
```

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

```
.background{ background-color:#8AA2FD }
```

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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