

# Converting Colors

Hex(84A3FC)

Have a look what the booklet for  
Hex(84A3FC) contains.

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# **Color**

**Hex(84A3FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A3FC
RGB	132, 163, 252
RGB Percent	52%, 64%, 99%
CMY	0.4824, 0.3608, 0.0118
CMYK	0.48, 0.35, 0.00, 0.01
HSL	224°, 95%, 75%
HSV	224°, 48%, 99%
XYZ	40.1836, 38.1282, 97.3370
YIQ	163.8770, -47.0450, 21.1070

# Conversions

## Conversions Part 2

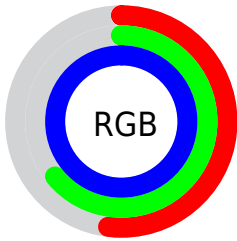
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 157, 252</a>
Decimal	<a href="#">8692732</a>
CIELab	<a href="#">68.11, 12.70, -47.64</a>
CIELCh	<a href="#">68, 49.303, 284.930</a>
Yxy	<a href="#">38.1282, 0.2288, 0.2171</a>
Android (android.graphics.Color)	<a href="#">4286882812 (0xFF84A3FC)</a>
YUV	<a href="#">163.8770, 43.4446, -27.9561</a>
Hunter-Lab	<a href="#">61.7480, 8.1029, -50.2387</a>

# Details

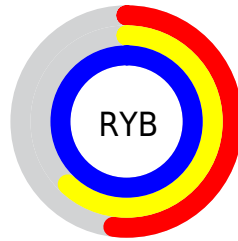
The Hex color **84A3FC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCDD84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BEDAFF**, and **4970C3** is the 20% darker color. If you saturate the color by 10%, you get **6B90FC**, and if you desaturate by 10%, it is **9DB6FC**.

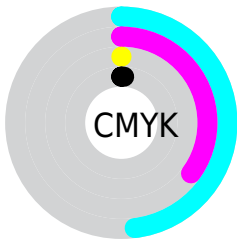
# Distribution



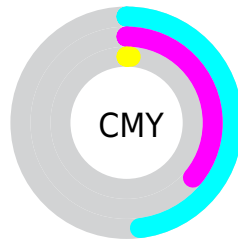
- Red (52%)
- Green (64%)
- Blue (99%)



- Red (52%)
- Yellow (62%)
- Blue (99%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (48%)
- Magenta (36%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A3FC 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 84A3FC by changing the saturation by 10% instead.



 84A3FC

 84A3FC

FFFFFF

 6789DF

 BEDAFF

 4970C3

 DBF6FF

 2758A7

 F9FFFF

 00418D

 002B73

 001859

 000342

 00032A

 000115

 84A3FC

 84A3FC

 6B90FC

 9DB6FC

 527EFC

 B6C8FC

 386BFC

 D0DBFC

 1F58FC

 E9EEFC

 0646FC

FFFFFFC

 0041FC

# Harmonies

## Analogous

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



00B1FB



84A3FC



C692E5

# Triad

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



84A3FC



F08B69



2EBB8D

# Complementary

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



84A3FC



FCDD84

# 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.



79B565



84A3FC



D39C4F

# Square

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



84A3FC



FA8191



ABAB4C



00BDBC

# Rectangle

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



84A3FC



E387CD



ABAB4C



4EBA7F



# Sweetspot

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



84A3FC



DBE5FF



84FCDC



6A6F80



000000



808080



# Same Dimension

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



84A3FC



6E93FF



A084FC



70747D



0031BD



00103D



# Inverse Universe

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



FC84A3



FF6E93



E0FC84



7D7074



BD0031

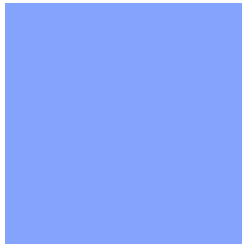


3D0010



# Previews

## White Background



This preview shows how the Hex color 84A3FC looks on a white background.

## Color Contrast Check

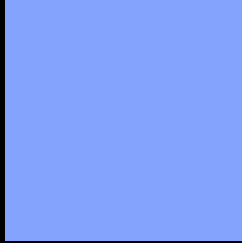
Large Text (above 18pt) WCAG AA × Fail

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 84A3FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

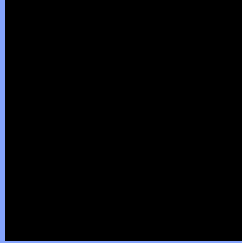
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84A3FC Background



This preview shows how black text looks on a background with the Hex color 84A3FC.



This preview shows how white text looks on a background with the Hex color 84A3FC.

# 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](#).

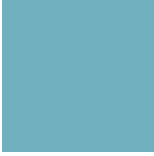
## Dichromacy



**Original Color**  
84A3FC

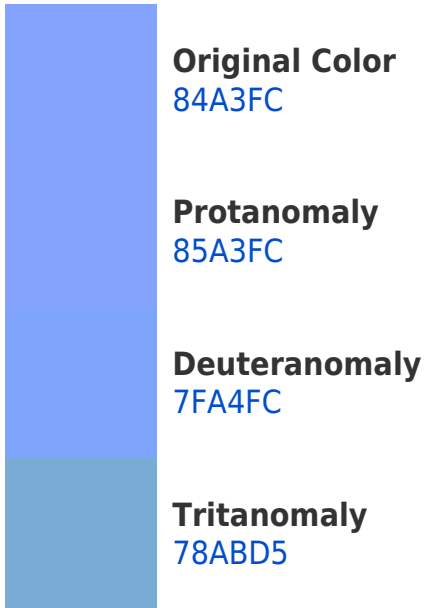
**Protanopia**  
86A3FC

**Deuteranopia**  
7CA5FC

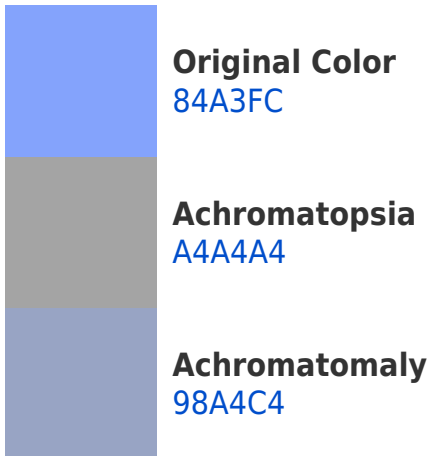


**Tritanopia**  
71B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A3FC 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 #84A3FC looks like.

```
.text, #text, p{  
    color:#84A3FC  
}
```

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 #84A3FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A3FC
}
```

## Border

The CSS property to change the border of an element to Hex 84A3FC 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
#84A3FC }
```

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

```
.border{ border-color:#84A3FC }
```

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

Here you see how a box with a 4 pixel #84A3FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A3FC; -webkit-box-shadow:4px 4px  
4px 4px #84A3FC; box-shadow:4px 4px 4px  
4px #84A3FC }
```

# Background

The CSS property to change the background color of an element to Hex 84A3FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A3FC }
```

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

```
.background{ background-color:#84A3FC }
```

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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