

# Converting Colors

Hex(96A4FB)

Have a look what the booklet for  
Hex(96A4FB) contains.

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# **Color**

**Hex(96A4FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A4FB
RGB	150, 164, 251
RGB Percent	59%, 64%, 98%
CMY	0.4118, 0.3569, 0.0157
CMYK	0.40, 0.35, 0.00, 0.02
HSL	232°, 93%, 79%
HSV	232°, 40%, 98%
XYZ	43.2657, 40.0000, 96.7072
YIQ	169.7320, -36.2710, 24.0890

# Conversions

## Conversions Part 2

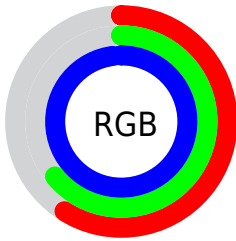
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 162, 251
Decimal	9872635
CIE Lab	69.47, 16.22, -44.89
CIE LCh	69, 47.729, 289.870
Yxy	40.0000, 0.2404, 0.2223
Android (android.graphics.Color)	4288062715 (0xFF96A4FB)
YUV	169.7320, 40.0651, -17.3050
Hunter-Lab	63.2455, 11.4306, -46.3870

# Details

The Hex color **96A4FB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FBED96**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CFDBFF**, and **5E71C2** is the 20% darker color. If you saturate the color by 10%, you get **7D8EFB**, and if you desaturate by 10%, it is **AFBAFB**.

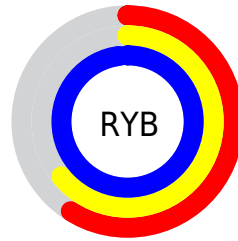
# Distribution



Red (59%)

Green (64%)

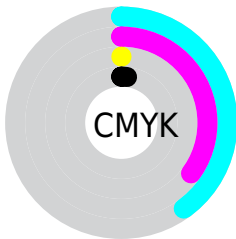
Blue (98%)



Red (59%)

Yellow (64%)

Blue (98%)

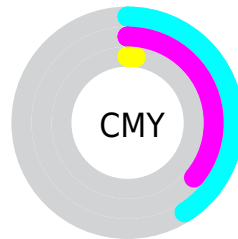


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (41%)

Magenta (36%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A4FB 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 96A4FB by changing the saturation by 10% instead.



 96A4FB

 96A4FB

FFFFFF

 7A8ADE

 CFDBFF

 5E71C2


 EDF7FF

 4258A7

 22418C

 002C72

 001859

 000041

 00032A

 000114

■ 96A4FB

■ 96A4FB

■ 7D8EFB

■ AFBAFB

■ 6479FB

■ C8CFFB

■ 4B63FB

■ E1E5FB

■ 324EFB

■ FAFAFB

■ 1938FB

■ FFFFFB

■ 0023FB

# Harmonies

## Analogous

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



36B3FE



96A4FB



D193E2

# Triad

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



96A4FB



EF9269



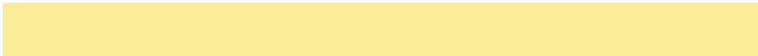
28BF99

# Complementary

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



96A4FB



FBED96

# 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.



75BA70



96A4FB



D1A253

# Square

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



96A4FB



FC878F



A7B055



00C0C6

# Rectangle

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



96A4FB



EA8AC8



A7B055



4ABE8A



# Sweetspot

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



96A4FB



E0E5FF



96FBEC



6E7080



000000



808080



# Same Dimension

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



96A4FB



8596FF



B996FB



70727D



001ABD



00083D



# Inverse Universe

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



FB96A4



FF8596



D8FB96



7D7072



BD001A

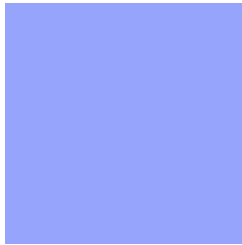


3D0008



# Previews

## White Background



This preview shows how the Hex color 96A4FB looks on a white background.

## Color Contrast Check

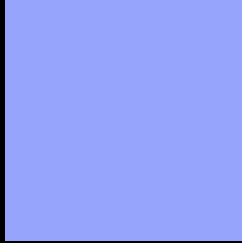
Large Text (above 18pt) WCAG AA × Fail

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 96A4FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

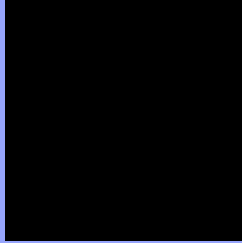
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96A4FB Background



This preview shows how black text looks on a background with the Hex color 96A4FB.



This preview shows how white text looks on a background with the Hex color 96A4FB.

# 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**  
96A4FB

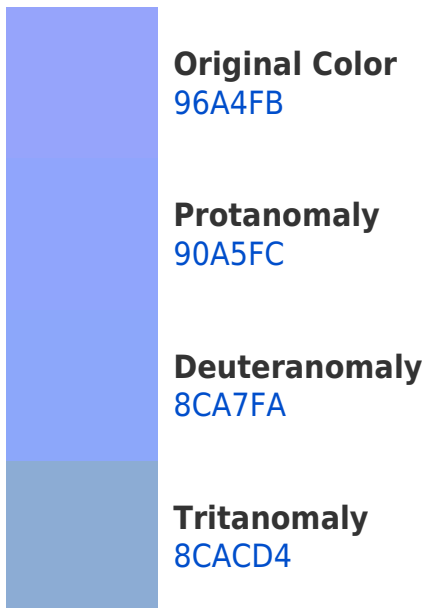
**Protanopia**  
8CA6FD

**Deuteranopia**  
86A8FA

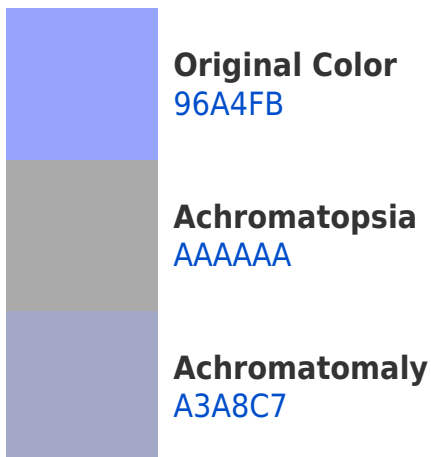


**Tritanopia**  
87B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A4FB 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 #96A4FB looks like.

```
.text, #text, p{  
    color:#96A4FB  
}
```

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 #96A4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A4FB  
}
```

## Border

The CSS property to change the border of an element to Hex 96A4FB 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  
#96A4FB }
```

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

```
.border{ border-color:#96A4FB }
```

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

Here you see how a box with a 4 pixel #96A4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A4FB; -webkit-box-shadow:4px 4px  
4px 4px #96A4FB; box-shadow:4px 4px 4px  
4px #96A4FB }
```

# Background

The CSS property to change the background color of an element to Hex 96A4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A4FB }
```

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

```
.background{ background-color:#96A4FB }
```

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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