

# Converting Colors

Hex(A9C4FC)

Have a look what the booklet for  
Hex(A9C4FC) contains.

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# **Color**

**Hex(A9C4FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9C4FC
RGB	169, 196, 252
RGB Percent	66%, 77%, 99%
CMY	0.3373, 0.2314, 0.0118
CMYK	0.33, 0.22, 0.00, 0.01
HSL	220°, 93%, 83%
HSV	220°, 33%, 99%
XYZ	53.6728, 54.9431, 99.8717
YIQ	194.3110, -34.0680, 11.6920

# Conversions

## Conversions Part 2

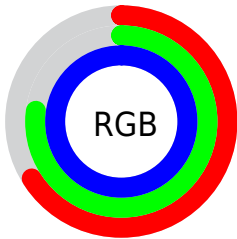
Format	Color
R <sub>Y</sub> B	169, 189, 252
Decimal	11126012
CIE Lab	79.01, 3.76, -30.52
CIE LCh	79, 30.746, 277.021
Yxy	54.9431, 0.2574, 0.2635
Android (android.graphics.Color)	4289316092 (0xFFA9C4FC)
YUV	194.3110, 28.4407, -22.1977
Hunter-Lab	74.1236, -0.4648, -27.9988

# Details

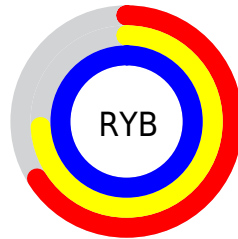
The Hex color **A9C4FC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FCE1A9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E2FCFF**, and **728EC3** is the 20% darker color. If you saturate the color by 10%, you get **90B3FC**, and if you desaturate by 10%, it is **C2D5FC**.

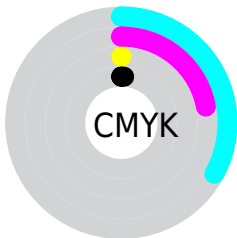
# Distribution



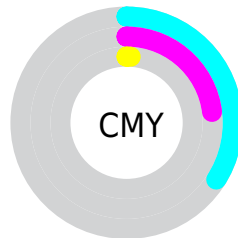
- Red (66%)
- Green (77%)
- Blue (99%)



- Red (66%)
- Yellow (74%)
- Blue (99%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (23%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9C4FC 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 A9C4FC by changing the saturation by 10% instead.



 A9C4FC

 A9C4FC

FFFFFF

 8DA9DF

 E2FCFF

 728EC3

 5875A8

 3D5C8D

 214574

 002F5B

 001B43

 00032D

 000117

 A9C4FC

 A9C4FC

 90B3FC

 C2D5FC

 77A2FC

 DBE6FC

 5D91FC

 F5F7FC

 4480FC

FFFFFFC

 2B6FFC

 125EFC

 0052FC

# Harmonies

## Analogous

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



82CDF8



A9C4FC



D1BAF1

# Triad

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



A9C4FC



FBB2A3



91D2AC

# Complementary

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



A9C4FC



FCE1A9

# 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.



B2CC95



A9C4FC



EBBA90

# Square

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



A9C4FC



FCAFBE



D1C48B



75D4CA

# Rectangle

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



A9C4FC



E6B4E3



D1C48B



9CD0A4

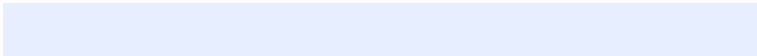


# Sweetspot

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



A9C4FC



E6EEFF



A9FCE0



707580



000000



808080



# Same Dimension

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



A9C4FC



99BAFF



B7A9FC



70757D



003DBD



00143D



# Inverse Universe

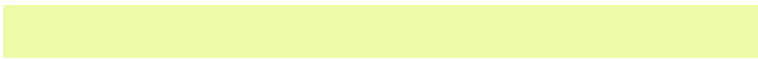
The Inverse Universe completely reimagines the original color for something new.



FCA9C4



FF99BA



EEFCA9



7D7075



BD003D



3D0014



# Previews

## White Background



This preview shows how the Hex color A9C4FC looks on a white background.

## Color Contrast Check

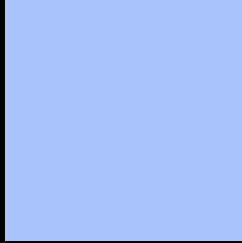
Large Text (above 18pt) WCAG AA × Fail

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 A9C4FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

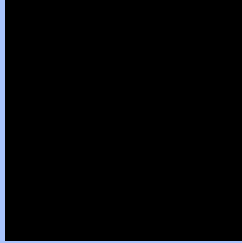
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

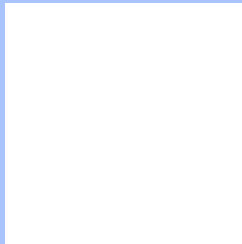
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9C4FC Background



This preview shows how black text looks on a background with the Hex color A9C4FC.



This preview shows how white text looks on a background with the Hex color A9C4FC.

# 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



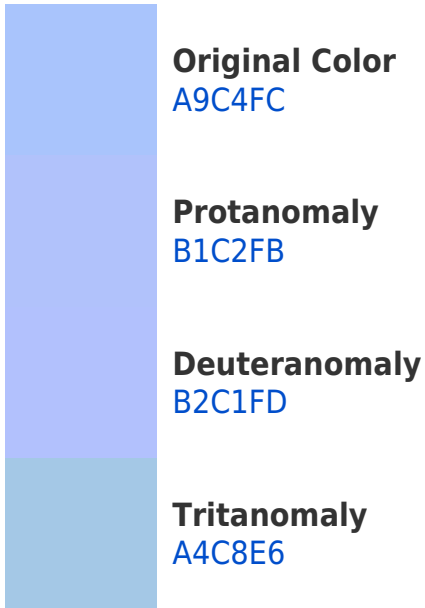
**Original Color**  
A9C4FC

**Protanopia**  
B5C1FA

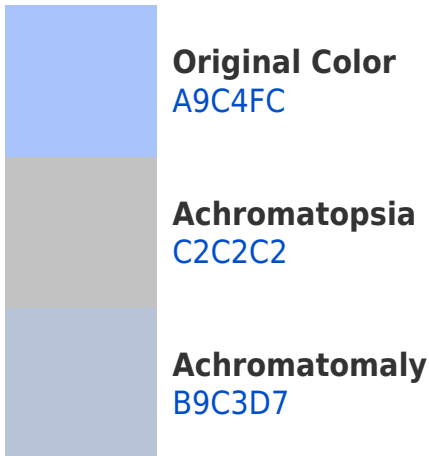
**Deuteranopia**  
B7C0FD



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9C4FC 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 #A9C4FC looks like.

```
.text, #text, p{  
    color:#A9C4FC  
}
```

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 #A9C4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9C4FC
}
```

## Border

The CSS property to change the border of an element to Hex A9C4FC 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
#A9C4FC }
```

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

```
.border{ border-color:#A9C4FC }
```

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

Here you see how a box with a 4 pixel #A9C4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9C4FC; -webkit-box-shadow:4px 4px  
4px 4px #A9C4FC; box-shadow:4px 4px 4px  
4px #A9C4FC }
```

# Background

The CSS property to change the background color of an element to Hex A9C4FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9C4FC }
```

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

```
.background{ background-color:#A9C4FC }
```

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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