

# Converting Colors

Hex(A698FE)

Have a look what the booklet for  
Hex(A698FE) contains.

|  |    |
|--|----|
| <b>Hex(A698FE)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(A698FE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A698FE                      |
| RGB         | 166, 152, 254               |
| RGB Percent | 65%, 60%, 100%              |
| CMY         | 0.3490, 0.4039, 0.0039      |
| CMYK        | 0.35, 0.40, 0.00, 0.00      |
| HSL         | 248°, 98%, 80%              |
| HSV         | 248°, 40%, 100%             |
| XYZ         | 44.8435, 37.7192, 98.6830   |
| YIQ         | 167.8140, -24.3980, 34.6900 |

# Conversions

## Conversions Part 2

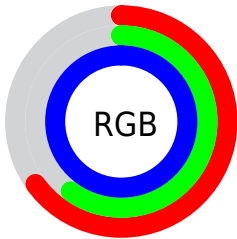
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 166, 152, 254                 |
| Decimal                             | 10918142                      |
| CIE Lab                             | 67.81, 27.98, -49.04          |
| CIE LCh                             | 68, 56.465, 299.707           |
| Yxy                                 | 37.7192, 0.2474,<br>0.2081    |
| Android<br>(android.graphics.Color) | 4289108222<br>(0xFFA698FE)    |
| YUV                                 | 167.8140, 42.4897,<br>-1.5909 |
| Hunter-Lab                          | 61.4160, 22.8557,<br>-52.2758 |

# Details

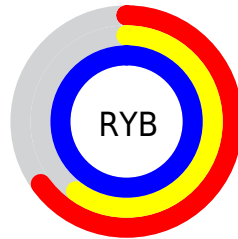
The Hex color **A698FE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F0FE98**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E0CEFF**, and **6E65C5** is the 20% darker color. If you saturate the color by 10%, you get **907FFE**, and if you desaturate by 10%, it is **BCB1FE**.

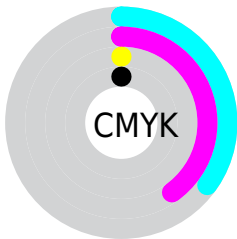
# Distribution



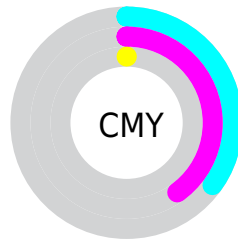
- Red (65%)
- Green (60%)
- Blue (100%)



- Red (65%)
- Yellow (60%)
- Blue (100%)



- Cyan (35%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A698FE 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 A698FE by changing the saturation by 10% instead.



 A698FE

 A698FE

FFFFFF

 8A7EE1


 E0CEFF

 6E65C5

 FDEBFF

 534DA9

 36368E

 142074

 000D5B

 000043

 00032C

 000116

 A698FE

 A698FE

 907FFE

 BCB1FE

 7A65FE

 D2CBFE

 644CFE

 E8E4FE

 4E32FE

 FEFEFE

 3819FE

 FFFFFFFE

 2300FE

# Harmonies

## Analogous

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



2FABFF



A698FE



E384D9

# Triad

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



A698FE



EA8F4D



00BEA3

# Complementary

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



A698FE



F0FE98

# 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.



49BA70



A698FE



C2A239

# Square

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



A698FE



FF7E76



8FB147



00BED6

# Rectangle

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



A698FE



FA7AB9



8FB147



00BD91



# Sweetspot

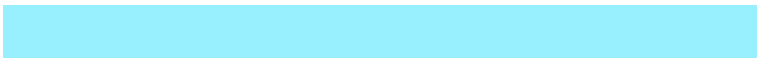
The Sweet Spot groups the original color and five complimentary colors.



A698FE



E5E0FF



98F0FE



706E80



000000



808080



# Same Dimension

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



A698FE



9585FF



D998FE



757380



1A00BF



090040



# Inverse Universe

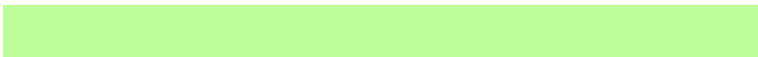
The Inverse Universe completely reimagines the original color for something new.



FE98F0



FF85EE



BDFE98



80737E



BF00A5

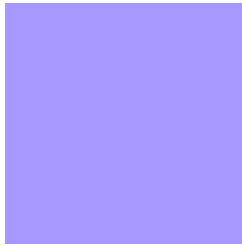


400037



# Previews

## White Background



This preview shows how the Hex color A698FE looks on a white background.

## Color Contrast Check

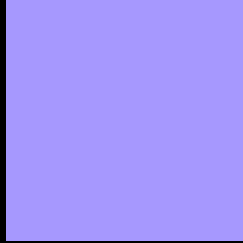
Large Text (above 18pt) WCAG AA × Fail

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 A698FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

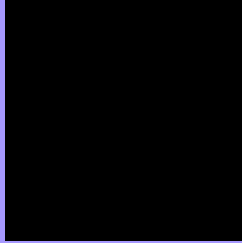
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A698FE Background



This preview shows how black text looks on a background with the Hex color A698FE.

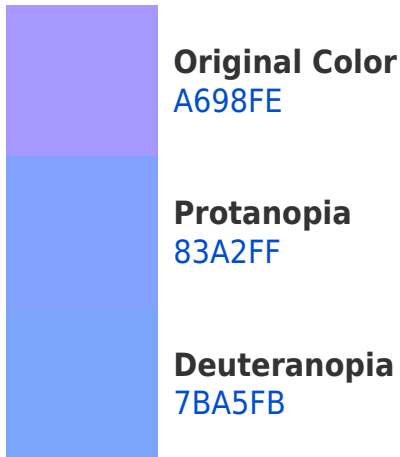


This preview shows how white text looks on a background with the Hex color A698FE.

# 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](#).

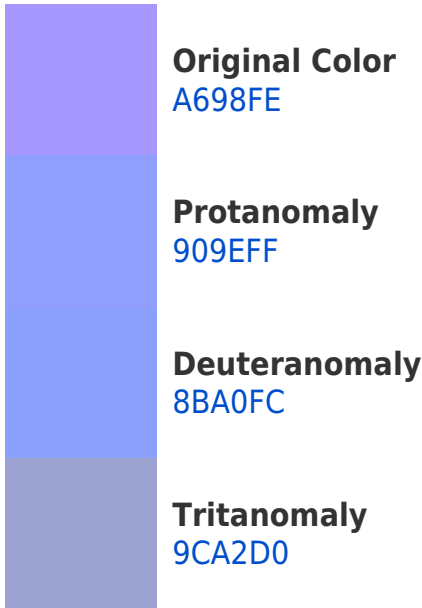
## Dichromacy



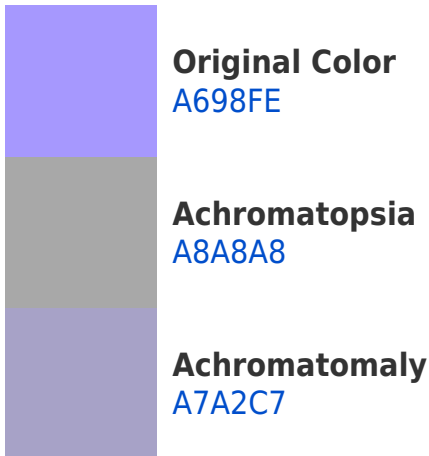


**Tritanopia**  
96A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A698FE 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 #A698FE looks like.

```
.text, #text, p{  
    color:#A698FE  
}
```

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 #A698FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A698FE
}
```

## Border

The CSS property to change the border of an element to Hex A698FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

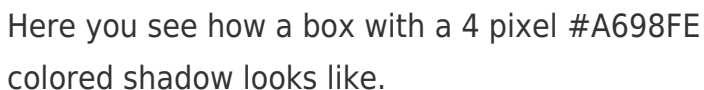
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A698FE }
```

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

```
.border{ border-color:#A698FE }
```

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



Here you see how a box with a 4 pixel #A698FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A698FE; -webkit-box-shadow:4px 4px  
4px 4px #A698FE; box-shadow:4px 4px 4px  
4px #A698FE }
```

# Background

The CSS property to change the background color of an element to Hex A698FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A698FE }
```

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

```
.background{ background-color:#A698FE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor