

Converting Colors

Hex(AAA9FC)

Have a look what the booklet for
Hex(AAA9FC) contains.

Hex(AAA9FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAA9FC)

Conversions

Conversions Part 1

Format	Color
Hex	AAA9FC
RGB	170, 169, 252
RGB Percent	67%, 66%, 99%
CMY	0.3333, 0.3373, 0.0118
CMYK	0.33, 0.33, 0.00, 0.01
HSL	241°, 93%, 83%
HSV	241°, 33%, 99%
XYZ	48.3362, 43.9503, 98.0311
YIQ	178.7610, -26.0470, 26.0250

Conversions

Conversions Part 2

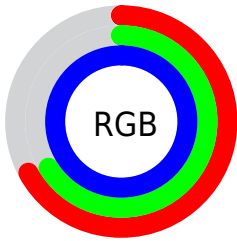
Format	Color
RYB	170, 169, 252
Decimal	11184636
CIELab	72.20, 18.95, -41.06
CIElCh	72, 45.222, 294.771
Yxy	43.9503, 0.2540, 0.2309
Android (android.graphics.Color)	4289374716 (0xFFAAA9FC)
YUV	178.7610, 36.1068, -7.6834
Hunter-Lab	66.2950, 14.1296, -41.2663

Details

The Hex color **AAA9FC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FBFCA9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E3E0FF**, and **7375C3** is the 20% darker color. If you saturate the color by 10%, you get **9190FC**, and if you desaturate by 10%, it is **C3C2FC**.

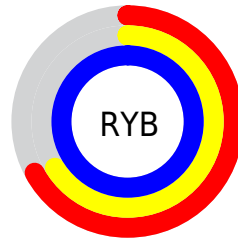
Distribution



Red (67%)

Green (66%)

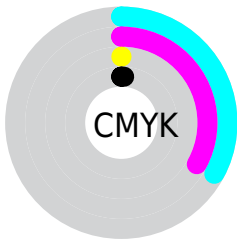
Blue (99%)



Red (67%)

Yellow (66%)

Blue (99%)

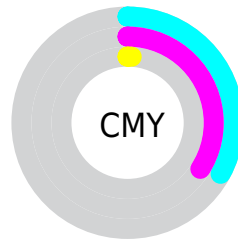


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (34%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA9FC 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 AAA9FC by changing the saturation by 10% instead.

■ AAA9FC

■ AAA9FC

FFFFFF

■ 8E8FDF

■ E3E0FF

■ 7375C3

■ FFFDFF

■ 585CA8

■ 3D458D

■ 202F73

■ 001A5A

■ 000042

■ 00032B

■ 000115

■ AAA9FC

■ AAA9FC

■ 9190FC

■ C3C2FC

■ 7877FC

■ DCDBFC

■ 5F5DFC

■ F5F5FC

■ 4644FC

■ FFFFC

■ 2E2BFC

■ 1512FC

■ 0300FC

Harmonies

Analogous

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



5FB7FF



AAA9FC



DE9AE1

Triad

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



AAA9FC



F09D6F



32C6A8

Complementary

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



AAA9FC



FBFCA9

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.



77C280



AAA9FC



D1AC5E

Square

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



AAA9FC



FF9291



A8B964



00C6D2

Rectangle

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



AAA9FC



F492C8



A8B964



4EC59A

Sweetspot

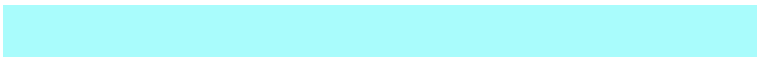
The Sweet Spot groups the original color and five complimentary colors.



AAA9FC



E6E6FF



A9FCFC



707080



000000



808080

Same Dimension

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



AAA9FC



9A99FF



D3A9FC



71707D



0200BD



01003D

Inverse Universe

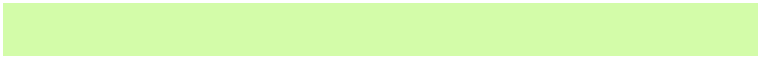
The Inverse Universe completely reimagines the original color for something new.



FCA9FB



FF99FE



D3FCA9



7D707D



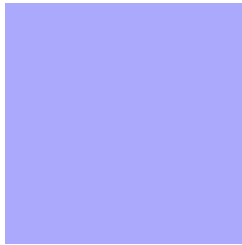
BD00BA



3D003C

Previews

White Background



This preview shows how the Hex color AAA9FC looks on a white background.

Color Contrast Check

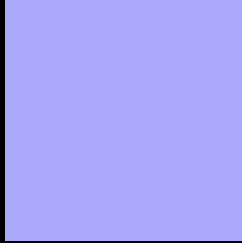
Large Text (above 18pt) WCAG AA × Fail

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 AAA9FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

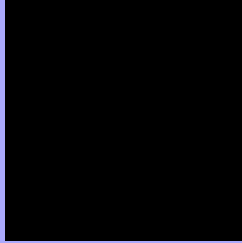
Any Text WCAG AA ✓ Pass

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 AAA9FC Background



This preview shows how black text looks on a background with the Hex color AAA9FC.

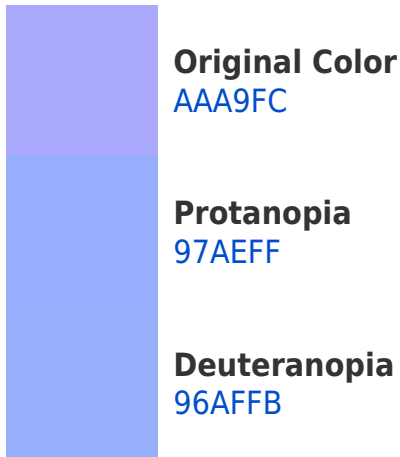


This preview shows how white text looks on a background with the Hex color AAA9FC.

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](#).

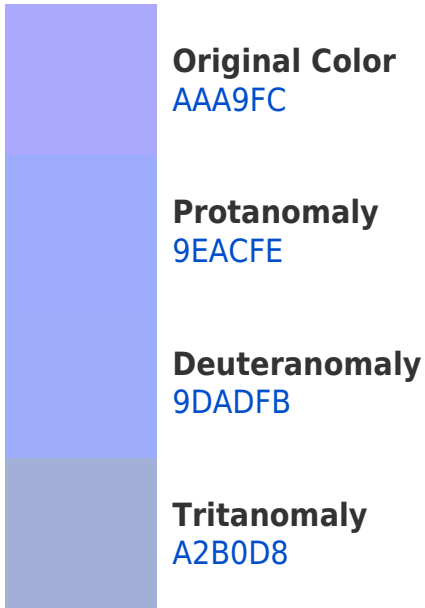
Dichromacy



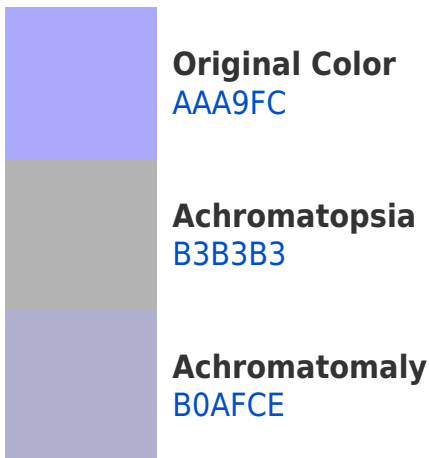


Tritanopia
9EB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA9FC 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 #AAA9FC looks like.

```
.text, #text, p{  
    color:#AAA9FC  
}
```

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 #AAA9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA9FC
}
```

Border

The CSS property to change the border of an element to Hex AAA9FC 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
#AAA9FC }
```

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

```
.border{ border-color:#AAA9FC }
```

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

Here you see how a box with a 4 pixel #AAA9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA9FC; -webkit-box-shadow:4px 4px  
4px 4px #AAA9FC; box-shadow:4px 4px 4px  
4px #AAA9FC }
```

Background

The CSS property to change the background color of an element to Hex AAA9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA9FC }
```

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

```
.background{ background-color:#AAA9FC }
```

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