

Converting Colors

Hex(9AA2FF)

Have a look what the booklet for
Hex(9AA2FF) contains.

Hex(9AA2FF)	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(9AA2FF)

Conversions

Conversions Part 1

Format	Color
Hex	9AA2FF
RGB	154, 162, 255
RGB Percent	60%, 64%, 100%
CMY	0.3961, 0.3647, 0.0000
CMYK	0.40, 0.36, 0.00, 0.00
HSL	235°, 100%, 80%
HSV	235°, 40%, 100%
XYZ	44.2968, 39.9307, 99.9804
YIQ	170.2100, -34.6210, 27.2270

Conversions

Conversions Part 2

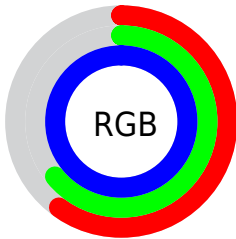
Format	Color
RYB	154, 161, 255
Decimal	10134271
CIELab	69.42, 19.47, -47.12
CIElCh	69, 50.980, 292.448
Yxy	39.9307, 0.2405, 0.2168
Android (android.graphics.Color)	4288324351 (0xFF9AA2FF)
YUV	170.2100, 41.8015, -14.2162
Hunter-Lab	63.1907, 14.5449, -49.5752

Details

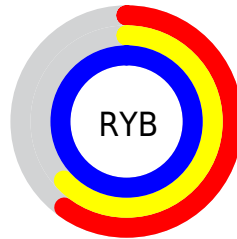
The Hex color **9AA2FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF79A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D3D9FF**, and **626FC6** is the 20% darker color. If you saturate the color by 10%, you get **818BFF**, and if you desaturate by 10%, it is **B3B9FF**.

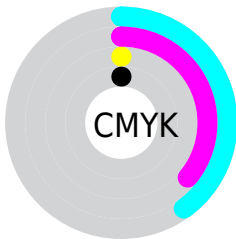
Distribution



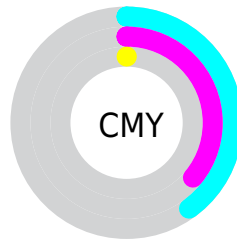
- Red (60%)
- Green (64%)
- Blue (100%)



- Red (60%)
- Yellow (63%)
- Blue (100%)



- Cyan (40%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA2FF 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 9AA2FF by changing the saturation by 10% instead.

 9AA2FF

 9AA2FF

FFFFFF

 7E88E2

 D3D9FF

 626FC6

 F1F5FF

 4556AA

 263F8F

 002A75

 00165C

 000044

 00032D

 000117

 9AA2FF

 9AA2FF

 818BFF

 B3B9FF

 6773FF

 CDD1FF


 4E5CFF

 E7E8FF

 3444FF

FFFFFF

 1A2DFF

 0115FF

 0014FF

Harmonies

Analogous

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



2CB2FF



9AA2FF



D790E2

Triad

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



9AA2FF



F09262



00C09C

Complementary

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



9AA2FF



FFF79A

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.



6BBB6F



9AA2FF



CFA34B

Square

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



9AA2FF



FF8589



A2B150



00C1CB

Rectangle

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



9AA2FF



F186C7



A2B150



34BF8C

Sweetspot

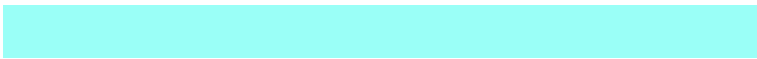
The Sweet Spot groups the original color and five complimentary colors.



9AA2FF



E0E3FF



9AFFF7



6E6F80



000000



808080

Same Dimension

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



9AA2FF



858EFF



C49AFF



737480



000FBF



000540

Inverse Universe

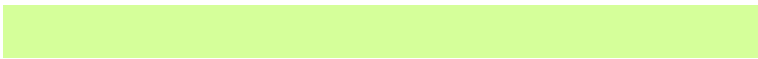
The Inverse Universe completely reimagines the original color for something new.



FF9AA2



FF858E



D5FF9A



807374



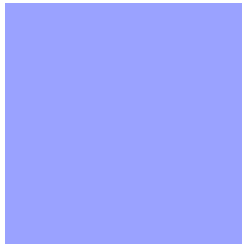
BF000F



400005

Previews

White Background



This preview shows how the Hex color 9AA2FF looks on a white background.

Color Contrast Check

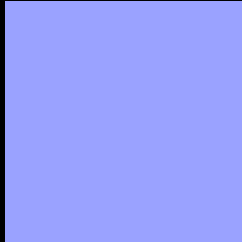
Large Text (above 18pt) WCAG AA × Fail

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 9AA2FF 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 9AA2FF Background



This preview shows how black text looks on a background with the Hex color 9AA2FF.



This preview shows how white text looks on a background with the Hex color 9AA2FF.

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](#).

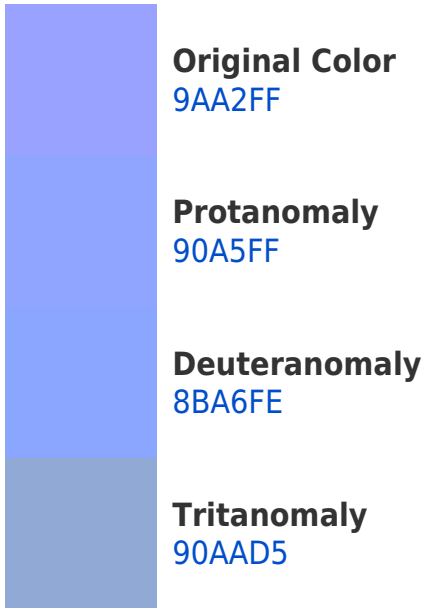
Dichromacy



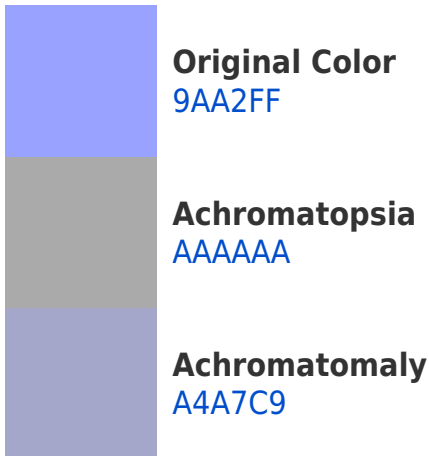


Tritanopia
8AAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA2FF 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 #9AA2FF looks like.

```
.text, #text, p{  
    color:#9AA2FF  
}
```

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 #9AA2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA2FF
}
```

Border

The CSS property to change the border of an element to Hex 9AA2FF 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
#9AA2FF }
```

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

```
.border{ border-color:#9AA2FF }
```

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

Here you see how a box with a 4 pixel #9AA2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA2FF; -webkit-box-shadow:4px 4px  
4px 4px #9AA2FF; box-shadow:4px 4px 4px  
4px #9AA2FF }
```

Background

The CSS property to change the background color of an element to Hex 9AA2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA2FF }
```

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

```
.background{ background-color:#9AA2FF }
```

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