

Converting Colors

Hex(9AAFFE)

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

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Color

Hex(9AAFFE)

Conversions

Conversions Part 1

Format	Color
Hex	9AAFFE
RGB	154, 175, 254
RGB Percent	60%, 69%, 100%
CMY	0.3961, 0.3137, 0.0039
CMYK	0.39, 0.31, 0.00, 0.00
HSL	227°, 98%, 80%
HSV	227°, 39%, 100%
XYZ	46.5458, 44.6857, 99.9379
YIQ	177.7270, -37.8750, 20.1170

Conversions

Conversions Part 2

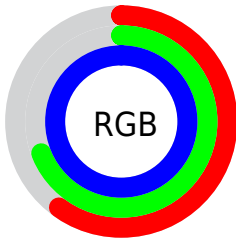
Format	Color
RYB	154, 171, 254
Decimal	10137598
CIELab	72.68, 11.85, -41.46
CIELCh	73, 43.122, 285.949
Yxy	44.6857, 0.2435, 0.2337
Android (android.graphics.Color)	4288327678 (0xFF9AAFFE)
YUV	177.7270, 37.6026, -20.8086
Hunter-Lab	66.8474, 7.3065, -41.8463

Details

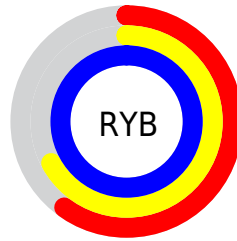
The Hex color **9AAFFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FEE99A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D3E6FF**, and **627BC5** is the 20% darker color. If you saturate the color by 10%, you get **819BFE**, and if you desaturate by 10%, it is **B3C3FE**.

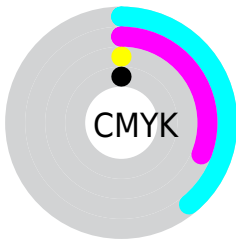
Distribution



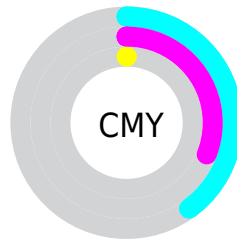
- Red (60%)
- Green (69%)
- Blue (100%)



- Red (60%)
- Yellow (67%)
- Blue (100%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

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

■ 9AAFFE

■ 9AAFFE

FFFFFF

■ 7E94E1

■ D3E6FF

■ 627BC5

■ F1FFFF

■ 4662A9

■ 284B8F

■ 003475

■ 00205C

■ 000844

■ 00032D

■ 000117

 9AAFFE

 9AAFFE

 819BFE

 B3C3FE

 6787FE

 CDD7FE

 4E73FE

 E6EBFE

 345FFE

FFFFFFE

 1B4BFE

 0237FE

 0035FE

Harmonies

Analogous

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



4FBCFE



9Aaffe



D1A0E9

Triad

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



9AAFFE



F59C7B



54C69E

Complementary

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



9AAFFE



FEE99A

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.



8AC07A



9AAFFE



DCAA66

Square

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



9AAFFE



FF939F



B7B765



00C7C7

Rectangle

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



9AAFFE



EA98D3



B7B765



68C591

Sweetspot

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



9AAFFE



E0E7FF



9AFEE8



6E7180



000000



808080

Same Dimension

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



9AAFFE



87A0FF



B69AFE



737580



0028BF



000D40

Inverse Universe

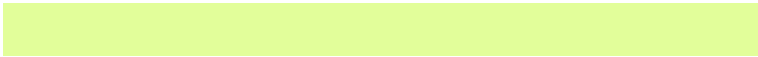
The Inverse Universe completely reimagines the original color for something new.



FE9AAF



FF87A0



E2FE9A



807375



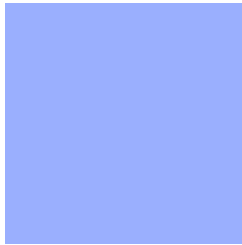
BF0028



40000D

Previews

White Background



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

Color Contrast Check

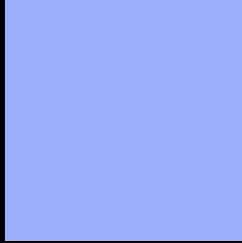
Large Text (above 18pt) WCAG AA × Fail

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 9AAFFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

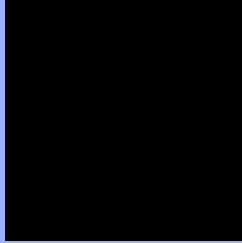
Any Text WCAG AA ✓ Pass

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 9AAFFE Background



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



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

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](#).

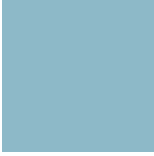
Dichromacy



Original Color
9AAFFE

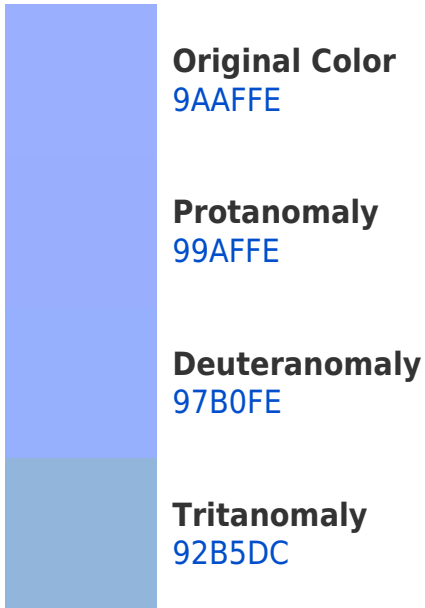
Protanopia
99AFFE

Deuteranopia
95B0FE

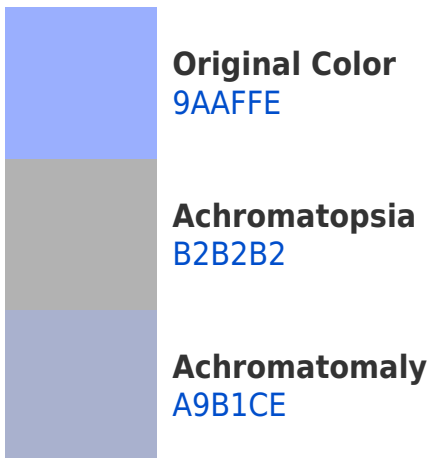


Tritanopia
8DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9AAFFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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