

Converting Colors

Hex(9EA7FF)

Have a look what the booklet for
Hex(9EA7FF) contains.

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Color

Hex(9EA7FF)

Conversions

Conversions Part 1

Format	Color
Hex	9EA7FF
RGB	158, 167, 255
RGB Percent	62%, 65%, 100%
CMY	0.3804, 0.3451, 0.0000
CMYK	0.38, 0.35, 0.00, 0.00
HSL	234°, 100%, 81%
HSV	234°, 38%, 100%
XYZ	45.9693, 42.1265, 100.3161
YIQ	174.3410, -33.6120, 25.4600

Conversions

Conversions Part 2

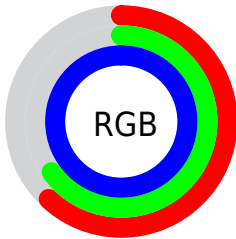
Format	Color
R _Y B	158, 166, 255
Decimal	10397695
CIE Lab	70.96, 17.66, -44.68
CIE LCh	71, 48.045, 291.562
Yxy	42.1265, 0.2440, 0.2236
Android (android.graphics.Color)	4288587775 (0xFF9EA7FF)
YUV	174.3410, 39.7649, -14.3311
Hunter-Lab	64.9050, 12.8399, -46.2043

Details

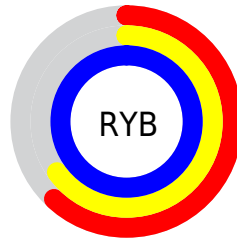
The Hex color **9EA7FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF69E**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **D7DEFF**, and **6673C6** is the 20% darker color. If you saturate the color by 10%, you get **8490FF**, and if you desaturate by 10%, it is **B8BEFF**.

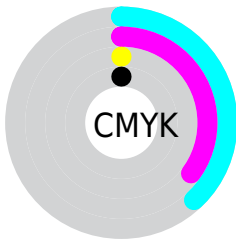
Distribution



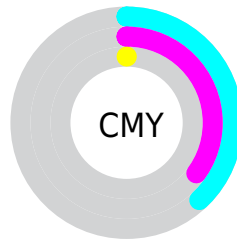
- Red (62%)
- Green (65%)
- Blue (100%)



- Red (62%)
- Yellow (65%)
- Blue (100%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA7FF 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 9EA7FF by changing the saturation by 10% instead.

 9EA7FF

 9EA7FF

FFFFFF

 828DE2

 D7DEFF

 6673C6

 F5FBFF

 4A5BAA


 2D448F

 012E75

 001A5C

 000044

 00032D

 000117

 9EA7FF

 9EA7FF

 8490FF

 B8BEFF

 6B79FF

 D1D5FF

 5262FF

 EBECFF

 384AFF

FFFFFF

 1F33FF

 051CFF

 0018FF

Harmonies

Analogous

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



43B6FF



9EA7FF



D896E5

Triad

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



9EA7FF



F2976B



25C39F

Complementary

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



9EA7FF



FFF69E

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.



76BE75



9EA7FF



D3A756

Square

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



9EA7FF



FF8B90



A9B559



00C4CC

Rectangle

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



9EA7FF



F18DCA



A9B559



49C291

Sweetspot

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



9EA7FF



E3E6FF



9EFFF5



6F7080



000000



808080

Same Dimension

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



9EA7FF



8A95FF



C59EFF



737480



0012BF



000640

Inverse Universe

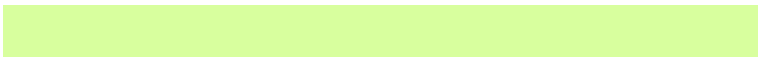
The Inverse Universe completely reimagines the original color for something new.



FF9EA7



FF8A95



D8FF9E



807374



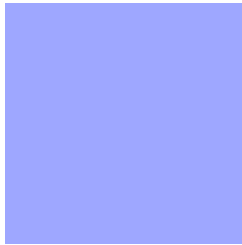
BF0012



400006

Previews

White Background



This preview shows how the Hex color 9EA7FF looks on a white background.

Color Contrast Check

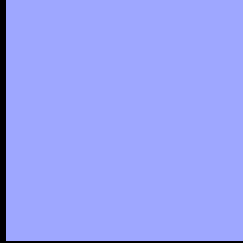
Large Text (above 18pt) WCAG AA × Fail

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 9EA7FF 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 9EA7FF Background



This preview shows how black text looks on a background with the Hex color 9EA7FF.



This preview shows how white text looks on a background with the Hex color 9EA7FF.

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](#).

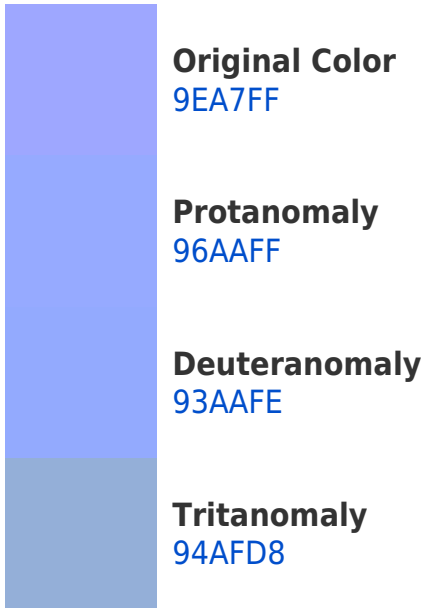
Dichromacy



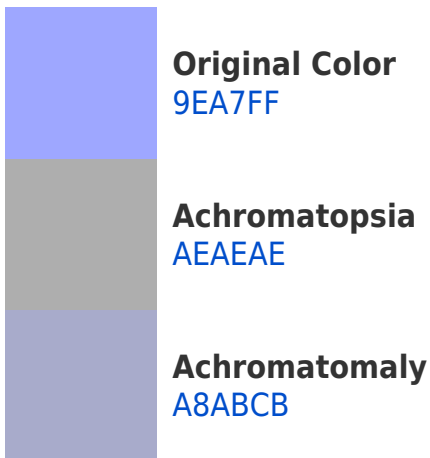


Tritanopia
8FB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA7FF 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 #9EA7FF looks like.

```
.text, #text, p{  
    color:#9EA7FF  
}
```

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 #9EA7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA7FF  
}
```

Border

The CSS property to change the border of an element to Hex 9EA7FF 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  
#9EA7FF }
```

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

```
.border{ border-color:#9EA7FF }
```

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

Here you see how a box with a 4 pixel #9EA7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA7FF; -webkit-box-shadow:4px 4px  
4px 4px #9EA7FF; box-shadow:4px 4px 4px  
4px #9EA7FF }
```

Background

The CSS property to change the background color of an element to Hex 9EA7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA7FF }
```

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

```
.background{ background-color:#9EA7FF }
```

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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