

Converting Colors

Hex(9EACFF)

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

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Color

Hex(9EACFF)

Conversions

Conversions Part 1

Format	Color
Hex	9EACFF
RGB	158, 172, 255
RGB Percent	62%, 67%, 100%
CMY	0.3804, 0.3255, 0.0000
CMYK	0.38, 0.33, 0.00, 0.00
HSL	231°, 100%, 81%
HSV	231°, 38%, 100%
XYZ	46.9031, 43.9941, 100.6274
YIQ	177.2760, -34.9870, 22.8450

Conversions

Conversions Part 2

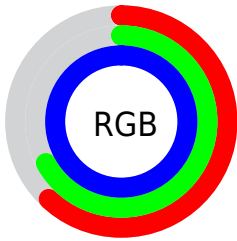
Format	Color
RYB	158, 170, 255
Decimal	10398975
CIELab	72.22, 14.84, -42.70
CIElCh	72, 45.205, 289.161
Yxy	43.9941, 0.2449, 0.2297
Android (android.graphics.Color)	4288589055 (0xFF9EACFF)
YUV	177.2760, 38.3179, -16.9051
Hunter-Lab	66.3281, 10.1499, -43.5202

Details

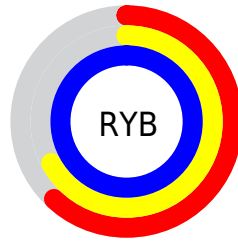
The Hex color **9EACFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF19E**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D7E3FF**, and **6678C6** is the 20% darker color. If you saturate the color by 10%, you get **8496FF**, and if you desaturate by 10%, it is **B8C2FF**.

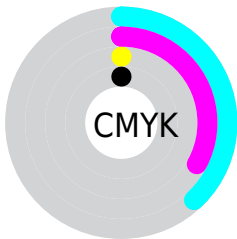
Distribution



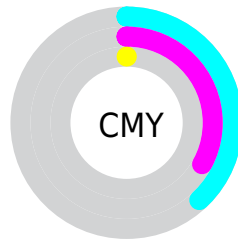
- Red (62%)
- Green (67%)
- Blue (100%)



- Red (62%)
- Yellow (67%)
- Blue (100%)



- Cyan (38%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9EACFF

 9EACFF

FFFFFF

 8292E2

 D7E3FF

 6678C6

 F5FFFF

 4B5FAA

 2D488F

 033275

 001D5C

 000444

 00032D

 000118

 9EACFF

 9EACFF

 8496FF

 B8C2FF

 6B80FF

 D1D8FF

 526BFF

 EBEDFF

 3855FF

FFFFFF

 1F3FFF

 0529FF

 0025FF

Harmonies

Analogous

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



4DBAFF



9EACFF



D69CE7

Triad

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



9EACFF



F49B74



43C6A0

Complementary

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



9EACFF



FFF19E

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.



81C179



9EACFF



D8AA5F

Square

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



9EACFF



FF9198



B1B761



00C7CB

Rectangle

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



9EACFF



EF94CF



B1B761



5BC492

Sweetspot

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



9EACFF



E3E7FF



9EFFF0



6F7180



000000



808080

Same Dimension

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



9EACFF



8A9BFF



C09EFF



737580



001CBF



000940

Inverse Universe

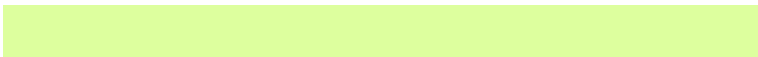
The Inverse Universe completely reimagines the original color for something new.



FF9EAC



FF8A9B



DDFF9E



807375



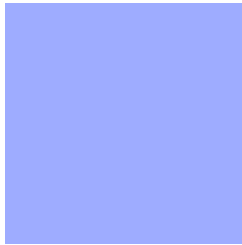
BF001C



400009

Previews

White Background



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

Color Contrast Check

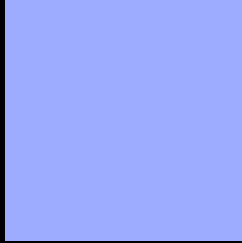
Large Text (above 18pt) WCAG AA × Fail

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 9EACFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

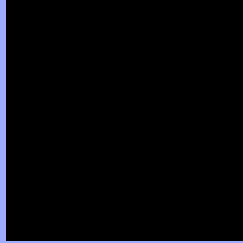
Any Text WCAG AA ✓ Pass

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 9EACFF Background



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



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

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
9EACFF

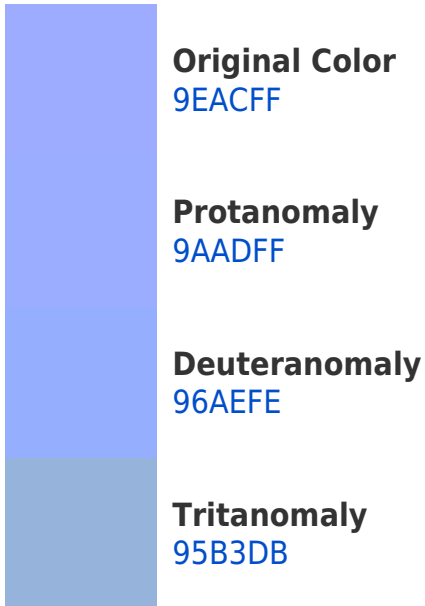
Protanopia
97AEFF

Deuteranopia
92AFFE

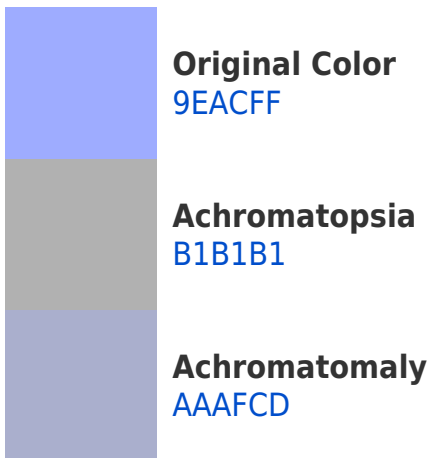


Tritanopia
90B7C6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9EACFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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