

Converting Colors

Hex(9CACFF)

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

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Color

Hex(9CACFF)

Conversions

Conversions Part 1

Format	Color
Hex	9CACFF
RGB	156, 172, 255
RGB Percent	61%, 67%, 100%
CMY	0.3882, 0.3255, 0.0000
CMYK	0.39, 0.33, 0.00, 0.00
HSL	230°, 100%, 81%
HSV	230°, 39%, 100%
XYZ	46.5128, 43.7930, 100.6091
YIQ	176.6780, -36.1790, 22.4210

Conversions

Conversions Part 2

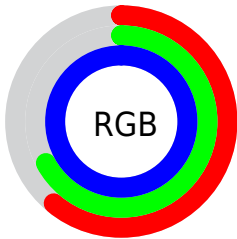
Format	Color
R _Y B	156, 170, 255
Decimal	10267903
CIE Lab	72.09, 14.32, -42.92
CIE LCh	72, 45.246, 288.449
Yxy	43.7930, 0.2436, 0.2294
Android (android.graphics.Color)	4288457983 (0xFF9CACFF)
YUV	176.6780, 38.6127, -18.1346
Hunter-Lab	66.1763, 9.6526, -43.8164

Details

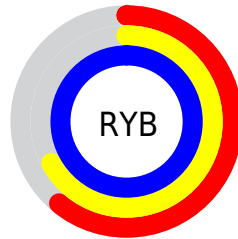
The Hex color **9CACFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFEF9C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D5E3FF**, and **6478C6** is the 20% darker color. If you saturate the color by 10%, you get **8397FF**, and if you desaturate by 10%, it is **B6C1FF**.

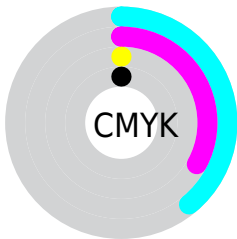
Distribution



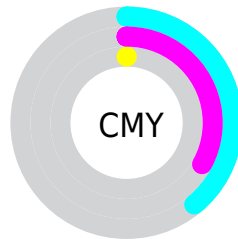
- Red (61%)
- Green (67%)
- Blue (100%)



- Red (61%)
- Yellow (67%)
- Blue (100%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9CACFF

 9CACFF

FFFFFF

 8092E2

 D5E3FF

 6478C6

 F3FFFF

 485FAA

 2A488F

 003275

 001E5C

 000444

 00032D

 000118

 9CACFF

 9CACFF

 8397FF

 B6C1FF

 6981FF

 CFD7FF

 506CFF

 E9ECFF

 3656FF

FFFFFF

 1D41FF

 032CFF

 0029FF

Harmonies

Analogous

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



4ABAFF



9CACFF



D49CE8

Triad

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



9CACFF



F59A75



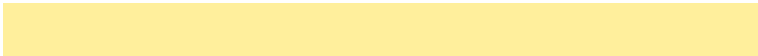
44C59F

Complementary

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



9CACFF



FFEF9C

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.



82C078



9CACFF



D8A95F

Square

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



9CACFF



FF9099



B1B660



00C6C9

Rectangle

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



9CACFF



EE94D0



B1B660



5CC491

Sweetspot

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



9CACFF



E0E5FF



9CFFEE



6E7180



000000



808080

Same Dimension

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



9CACFF



879BFF



BD9CFF



737580



001FBF



000A40

Inverse Universe

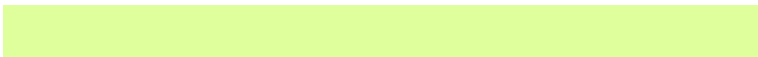
The Inverse Universe completely reimagines the original color for something new.



FF9CAC



FF879B



DEFF9C



807375



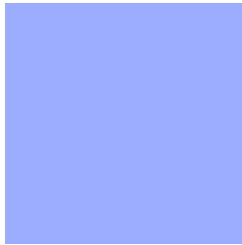
BF001F



40000A

Previews

White Background



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

Color Contrast Check

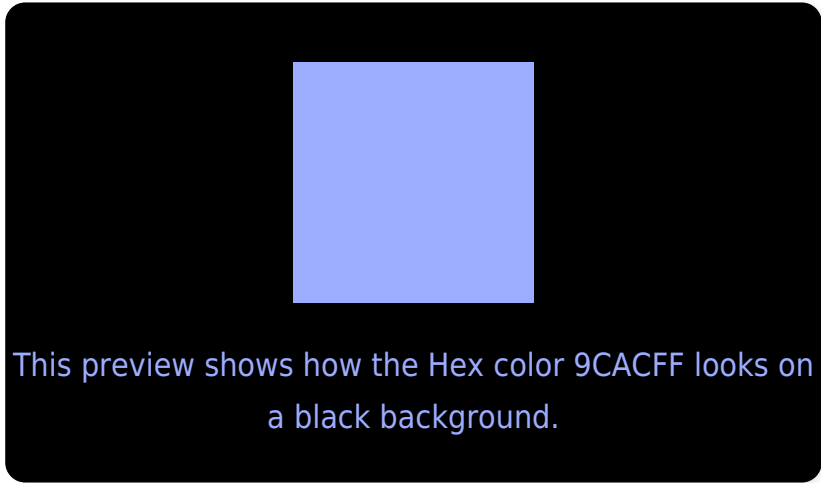
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

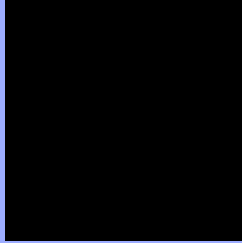
Any Text WCAG AA ✓ Pass

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 9CACFF Background



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



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

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
9CACFF

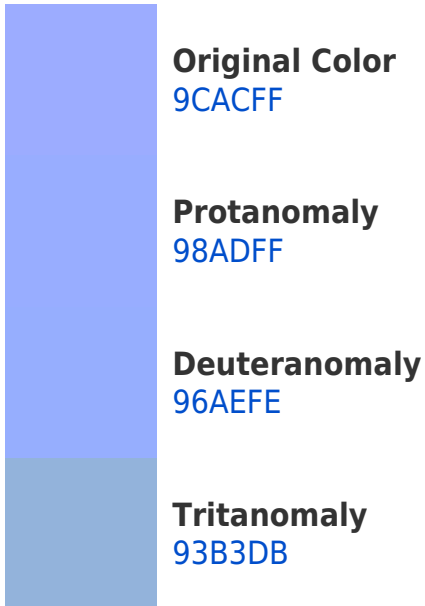
Protanopia
96AEFF

Deuteranopia
92AFFE

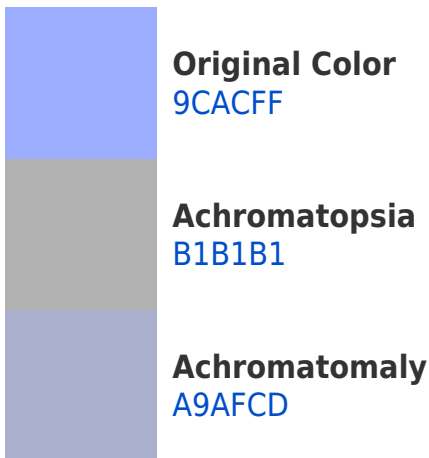


Tritanopia
8EB7C6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9CACFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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