

Converting Colors

Hex(9CAFFF)

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

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Color

Hex(9CAFFF)

Conversions

Conversions Part 1

Format	Color
Hex	9CAFFF
RGB	156, 175, 255
RGB Percent	61%, 69%, 100%
CMY	0.3882, 0.3137, 0.0000
CMYK	0.39, 0.31, 0.00, 0.00
HSL	228°, 100%, 81%
HSV	228°, 39%, 100%
XYZ	47.0903, 44.9479, 100.8016
YIQ	178.4390, -37.0040, 20.8520

Conversions

Conversions Part 2

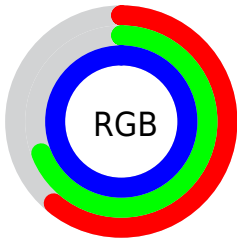
Format	Color
R _Y B	156, 172, 255
Decimal	10268671
CIE Lab	72.86, 12.63, -41.72
CIE LCh	73, 43.592, 286.847
Yxy	44.9479, 0.2442, 0.2331
Android (android.graphics.Color)	4288458751 (0xFF9CAFFF)
YUV	178.4390, 37.7446, -19.6790
Hunter-Lab	67.0432, 8.0506, -42.2143

Details

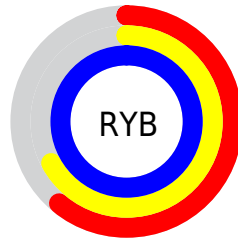
The Hex color **9CAFFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFEC9C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D5E6FF**, and **647BC6** is the 20% darker color. If you saturate the color by 10%, you get **839AFF**, and if you desaturate by 10%, it is **B6C4FF**.

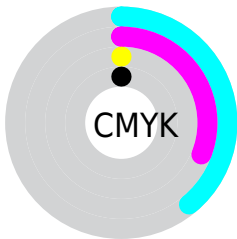
Distribution



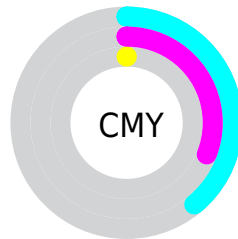
- Red (61%)
- Green (69%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

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

 9CAFFF

 9CAFFF

FFFFFF

 8094E2

 D5E6FF

 647BC6

 F3FFFF

 4862AA

 2A4B90

 003476

 00205C

 000844

 00032D

 000118

■ 9CAFFF

■ 9CAFFF

■ 839AFF

■ B6C4FF

■ 6986FF

■ CFD8FF

■ 5071FF

■ E9EDFF

■ 365DFF

FFFFFF

■ 1D48FF

■ 0333FF

■ 0031FF

Harmonies

Analogous

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



50BCFF



9CAFFF



D3A0EA

Triad

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



9CAFFF



F69D7A



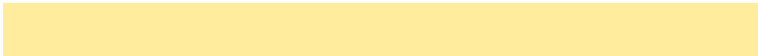
51C79F

Complementary

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



9CAFFF



FFEC9C

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.



89C17B



9CAFFF



DBAA65

Square

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



9CAFFF



FF949E



B6B865



00C8C9

Rectangle

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



9CAFFF



EC98D3



B6B865



66C592

Sweetspot

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



9CAFFF



E0E6FF



9CFFEB



6E7180



000000



808080

Same Dimension

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



9CAFFF



879EFF



BA9CFF



737580



0025BF



000C40

Inverse Universe

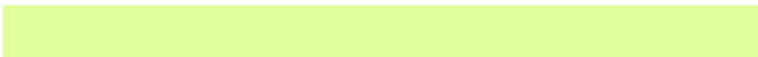
The Inverse Universe completely reimagines the original color for something new.



FF9CAF



FF879E



E1FF9C



807375



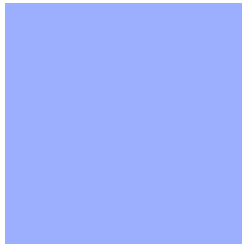
BF0025



40000C

Previews

White Background



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

Color Contrast Check

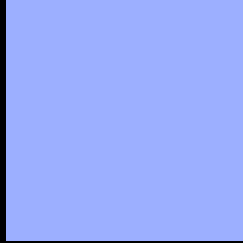
Large Text (above 18pt) WCAG AA × Fail

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 9CAFFF 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 9CAFFF Background



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



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

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](#).

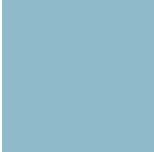
Dichromacy



Original Color
9CAFFF

Protanopia
99B0FF

Deuteranopia
96B1FF

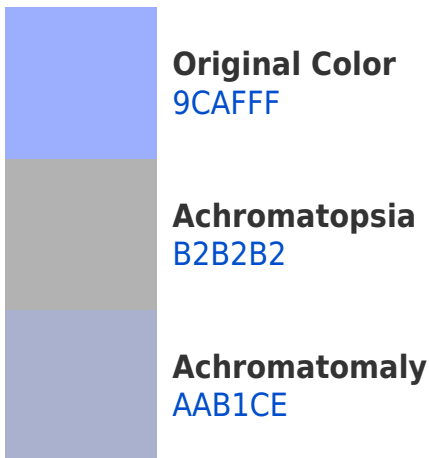


Tritanopia
8FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9CAFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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