

# Converting Colors

Hex(9AC6FF)

Have a look what the booklet for  
Hex(9AC6FF) contains.

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# **Color**

**Hex(9AC6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC6FF
RGB	154, 198, 255
RGB Percent	60%, 78%, 100%
CMY	0.3961, 0.2235, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	214°, 100%, 80%
HSV	214°, 40%, 100%
XYZ	51.5705, 54.4782, 102.4050
YIQ	191.3420, -44.5210, 8.3990

# Conversions

## Conversions Part 2

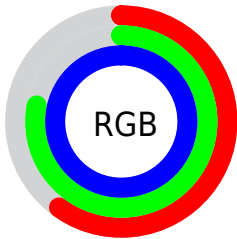
Format	Color
<a href="#">RYB</a>	<a href="#">154, 185, 255</a>
Decimal	<a href="#">10143487</a>
CIELab	<a href="#">78.74, -0.55, -32.61</a>
CIELCh	<a href="#">79, 32.613, 269.032</a>
Yxy	<a href="#">54.4782, 0.2474, 0.2613</a>
Android (android.graphics.Color)	<a href="#">4288333567</a> ( <a href="#">0xFF9AC6FF</a> )
YUV	<a href="#">191.3420, 31.3834, -32.7489</a>
Hunter-Lab	<a href="#">73.8093, -4.4486, -30.5940</a>

# Details

The Hex color **9AC6FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD39A**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D3FFFF**, and **6290C6** is the 20% darker color. If you saturate the color by 10%, you get **81B8FF**, and if you desaturate by 10%, it is **B3D4FF**.

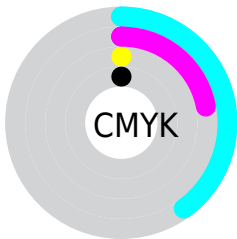
# Distribution



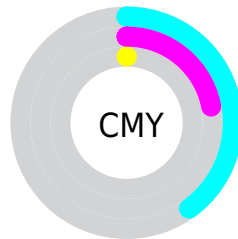
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC6FF 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 9AC6FF by changing the saturation by 10% instead.



 9AC6FF

 9AC6FF

FFFFFF

 7EABE2

 D3FFFF

 6290C6

 F1FFFF

 4677AB

 285E90

 004776

 00315D


 001C45

 00042F

 000119

 9AC6FF

 9AC6FF

 81B8FF

 B3D4FF

 67A9FF

 CDE3FF


 4E9BFF

 E7F1FF

 348CFF

FFFFFF

 1A7EFF

 0170FF

 006FFF

# Harmonies

## Analogous

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



72CEF6



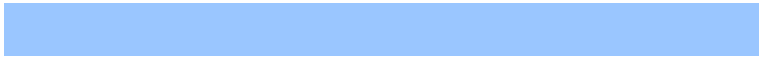
9AC6FF



C6BBF8

# Triad

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



9AC6FF



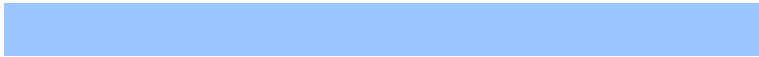
FFAEA7



96D0A3

# Complementary

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



9AC6FF



FFD39A

# 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.



B9CA8D



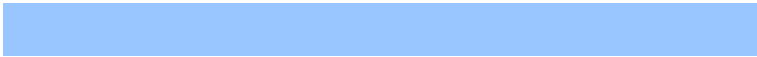
9AC6FF



F2B690

# Square

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



9AC6FF



FCACC5



D9C186



75D4C1

# Rectangle

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



9AC6FF



DFB5EB



D9C186



A2CF9A



# Sweetspot

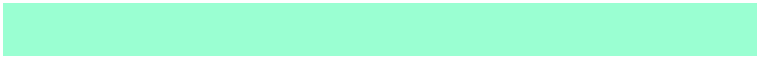
The Sweet Spot groups the original color and five complimentary colors.



9AC6FF



E0EEFF



9AFFD2



6E7580



000000



808080

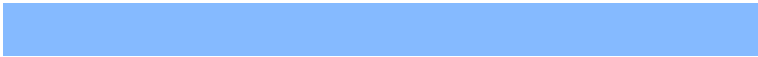


# Same Dimension

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



9AC6FF



85BAFF



9F9AFF



737880



0053BF



001C40



# Inverse Universe

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



FF9AC6



FF85BA



FAFF9A



807378



BF0053



40001C



# Previews

## White Background



This preview shows how the Hex color 9AC6FF looks on a white background.

## Color Contrast Check

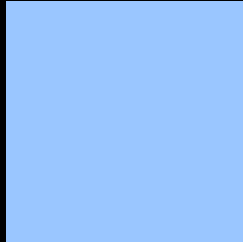
Large Text (above 18pt) WCAG AA × Fail

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 9AC6FF 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

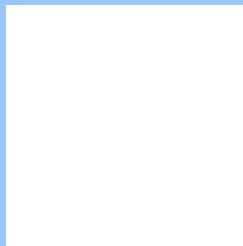
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AC6FF Background



This preview shows how black text looks on a background with the Hex color 9AC6FF.



This preview shows how white text looks on a background with the Hex color 9AC6FF.

# 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](#).

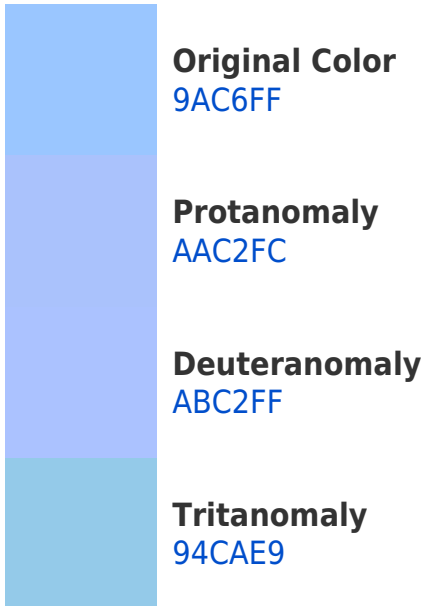
## Dichromacy



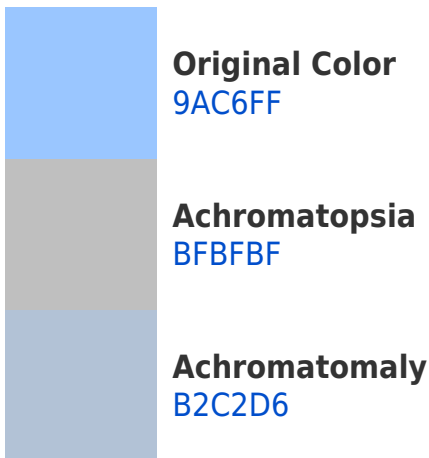


**Tritanopia**  
91CCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC6FF 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 #9AC6FF looks like.

```
.text, #text, p{  
    color:#9AC6FF  
}
```

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 #9AC6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC6FF
}
```

## Border

The CSS property to change the border of an element to Hex 9AC6FF 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
#9AC6FF }
```

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

```
.border{ border-color:#9AC6FF }
```

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

Here you see how a box with a 4 pixel #9AC6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC6FF; -webkit-box-shadow:4px 4px  
4px 4px #9AC6FF; box-shadow:4px 4px 4px  
4px #9AC6FF }
```

# Background

The CSS property to change the background color of an element to Hex 9AC6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC6FF }
```

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

```
.background{ background-color:#9AC6FF }
```

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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