

# Converting Colors

Hex(9AC9F9)

Have a look what the booklet for  
Hex(9AC9F9) contains.

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# **Color**

**Hex(9AC9F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC9F9
RGB	154, 201, 249
RGB Percent	60%, 79%, 98%
CMY	0.3961, 0.2118, 0.0235
CMYK	0.38, 0.19, 0.00, 0.02
HSL	210°, 89%, 79%
HSV	210°, 38%, 98%
XYZ	51.3120, 55.4829, 97.6274
YIQ	192.4190, -43.4200, 4.9640

# Conversions

## Conversions Part 2

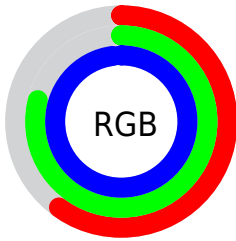
Format	Color
<a href="#">RYB</a>	<a href="#">154, 185, 249</a>
Decimal	<a href="#">10144249</a>
CIELab	<a href="#">79.32, -3.73, -28.51</a>
CIElCh	<a href="#">79, 28.757, 262.550</a>
Yxy	<a href="#">55.4829, 0.2510, 0.2714</a>
Android (android.graphics.Color)	<a href="#">4288334329 (0xFF9AC9F9)</a>
YUV	<a href="#">192.4190, 27.8944, -33.6935</a>
Hunter-Lab	<a href="#">74.4868, -7.3881, -25.5686</a>

# Details

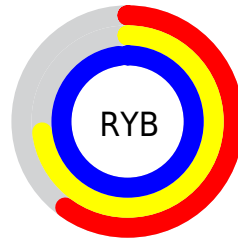
The Hex color **9AC9F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9CA9A**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D3FFFF**, and **6393C0** is the 20% darker color. If you saturate the color by 10%, you get **81BCF9**, and if you desaturate by 10%, it is **B3D6F9**.

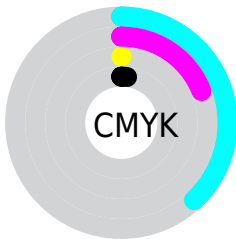
# Distribution



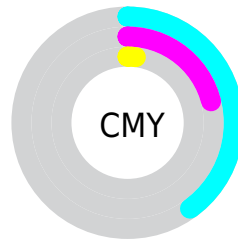
- Red (60%)
- Green (79%)
- Blue (98%)



- Red (60%)
- Yellow (73%)
- Blue (98%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (21%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC9F9 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 9AC9F9 by changing the saturation by 10% instead.



 9AC9F9

 9AC9F9

FFFFFF

 7EAEDC

 D3FFFF

 6393C0

 F0FFFF

 4779A5

 2A618B

 004971

 003358

 001E41

 00032B

 000115

 9AC9F9

 9AC9F9

 81BCF9

 B3D6F9

 68B0F9

 CCE2F9

 4FA3F9

 E5EFF9

 3697F9

 FEFBF9

 1D8AF9

 FFFFF9

 057EF9

 007BF9

# Harmonies

## Analogous

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



7CD0EE



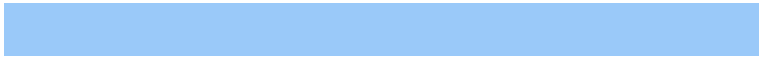
9AC9F9



C0C0F6

# Triad

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



9AC9F9



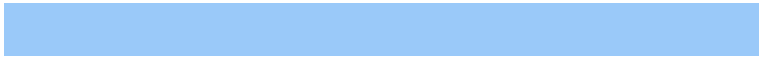
FBB2B1



A4D0A3

# Complementary

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



9AC9F9



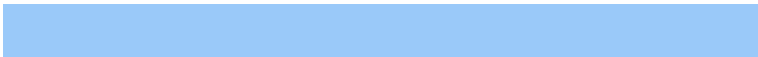
F9CA9A

# 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.



C3C993



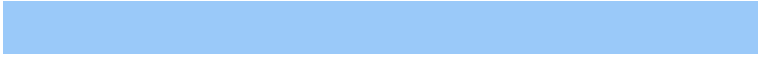
9AC9F9



F2B89B

# Square

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



9AC9F9



F5B2CC



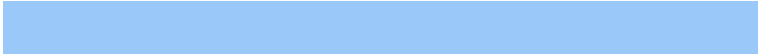
DEC090



87D3BD

# Rectangle

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



9AC9F9



D7BAEC



DEC090

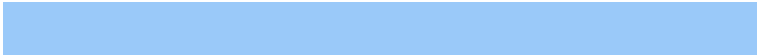


AECE9C



# Sweetspot

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



9AC9F9



E3F1FF



9AF9CA



6F7780



000000

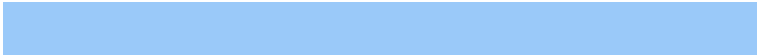


808080

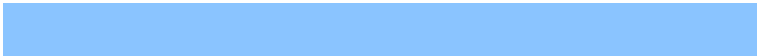


# Same Dimension

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



9AC9F9



8AC4FF



9A9AF9



70777D



005DBD



001E3D



# Inverse Universe

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



F99AC9



FF8AC4



F9F99A



7D7077



BD005D

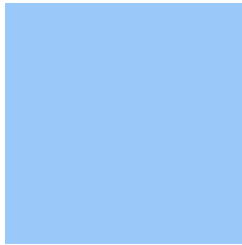


3D001E



# Previews

## White Background



This preview shows how the Hex color 9AC9F9 looks on a white background.

## Color Contrast Check

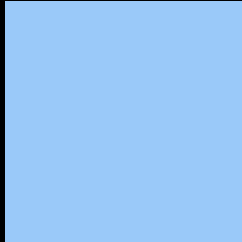
Large Text (above 18pt) WCAG AA × Fail

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 9AC9F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

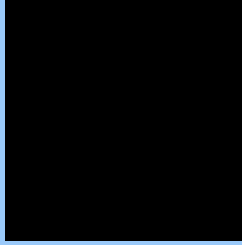
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

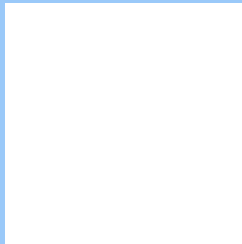
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AC9F9 Background



This preview shows how black text looks on a background with the Hex color 9AC9F9.



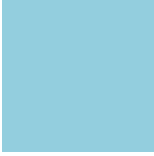
This preview shows how white text looks on a background with the Hex color 9AC9F9.

# 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](#).

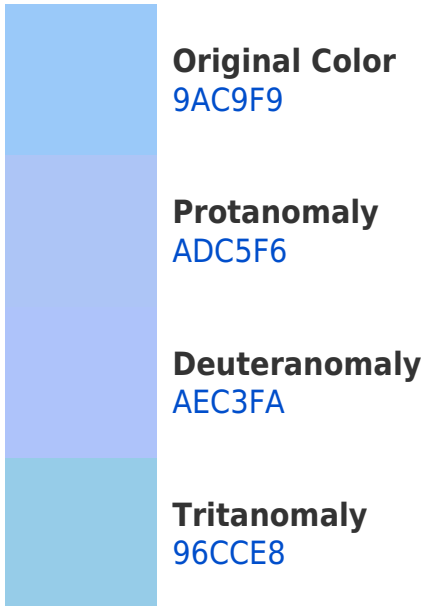
## Dichromacy



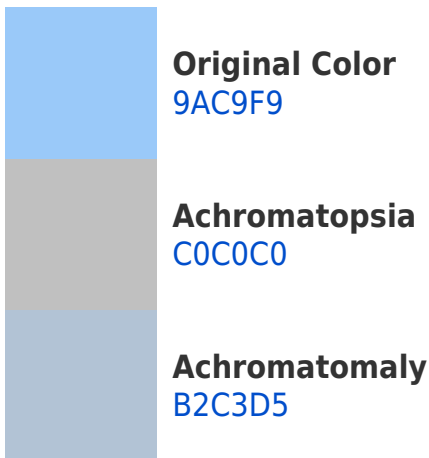


**Tritanopia**  
93CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC9F9 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 #9AC9F9 looks like.

```
.text, #text, p{  
    color:#9AC9F9  
}
```

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 #9AC9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC9F9
}
```

## Border

The CSS property to change the border of an element to Hex 9AC9F9 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
#9AC9F9 }
```

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

```
.border{ border-color:#9AC9F9 }
```

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

Here you see how a box with a 4 pixel #9AC9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC9F9; -webkit-box-shadow:4px 4px  
4px 4px #9AC9F9; box-shadow:4px 4px 4px  
4px #9AC9F9 }
```

# Background

The CSS property to change the background color of an element to Hex 9AC9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC9F9 }
```

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

```
.background{ background-color:#9AC9F9 }
```

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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