

# Converting Colors

Hex(9CADFB)

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

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# **Color**

**Hex(9CADFB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9CADFB                      |
| RGB         | 156, 173, 251               |
| RGB Percent | 61%, 68%, 98%               |
| CMY         | 0.3882, 0.3216, 0.0157      |
| CMYK        | 0.38, 0.31, 0.00, 0.02      |
| HSL         | 229°, 92%, 80%              |
| HSV         | 229°, 38%, 98%              |
| XYZ         | 46.0665, 43.9201, 97.3162   |
| YIQ         | 176.8090, -35.1700, 20.6540 |

# Conversions

## Conversions Part 2

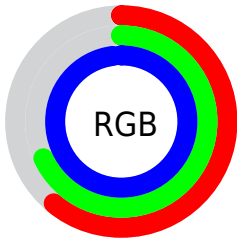
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 156, 170, 251                  |
| Decimal                             | 10268155                       |
| CIELab                              | 72.18, 12.69, -40.63           |
| CIELCh                              | 72, 42.560, 287.344            |
| Yxy                                 | 43.9201, 0.2459,<br>0.2345     |
| Android<br>(android.graphics.Color) | 4288458235<br>(0xFF9CADFB)     |
| YUV                                 | 176.8090, 36.5762,<br>-18.2495 |
| Hunter-Lab                          | 66.2722, 8.1006,<br>-40.6727   |

# Details

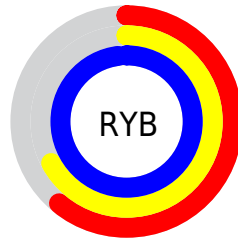
The Hex color **9CADFB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FBEA9C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D5E4FF**, and **6579C2** is the 20% darker color. If you saturate the color by 10%, you get **8398FB**, and if you desaturate by 10%, it is **B5C2FB**.

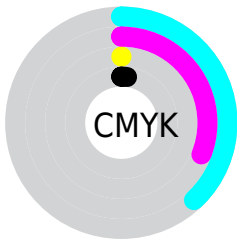
# Distribution



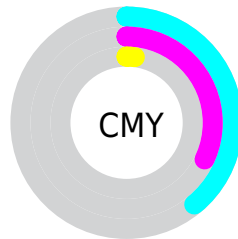
- Red (61%)
- Green (68%)
- Blue (98%)



- Red (61%)
- Yellow (67%)
- Blue (98%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (32%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



■ 9CADFB

■ 9CADFB

FFFFFF

■ 8093DE

■ D5E4FF

■ 6579C2

■ F2FFFF

■ 4960A7

■ 2C498C

■ 023372

■ 001E59

■ 000541

■ 00032A

■ 000115

 9CADFB

 9CADFB

 8398FB

 B5C2FB

 6A84FB

 CED6FB

 516FFB

 E7EBFB

 385BFB

 FFFFFB

 1F46FB

 0531FB

 002DFB

# Harmonies

## Analogous

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



54BAFC



9CADFB



D19FE6

# Triad

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



9CADFB



F29B79



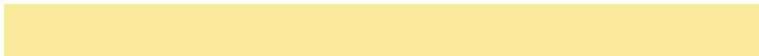
52C49F

# Complementary

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



9CADFB



FBEA9C

# 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.



87BF7B



9CADFB



D8A965

# Square

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



9CADFB



FC939C



B3B665



00C5C7

# Rectangle

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



9CADFB



E997D0



B3B665



65C392



# Sweetspot

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



9CADFB



E3E8FF



9CFBEA



6F7280



000000



808080



# Same Dimension

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



9CADFB



8CA1FF



BA9CFB



70737D



0022BD



000B3D



# Inverse Universe

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



FB9CAD



FF8CA1



DDFB9C



7D7073



BD0022



3D000B



# Previews

## White Background



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

## Color Contrast Check

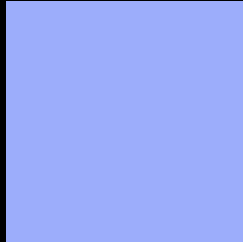
Large Text (above 18pt) WCAG AA × Fail

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 9CADFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

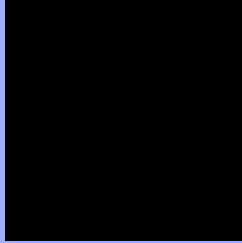
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CADFB Background



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



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

# 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](#).

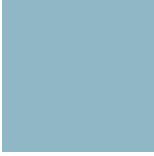
## Dichromacy



**Original Color**  
9CADFB

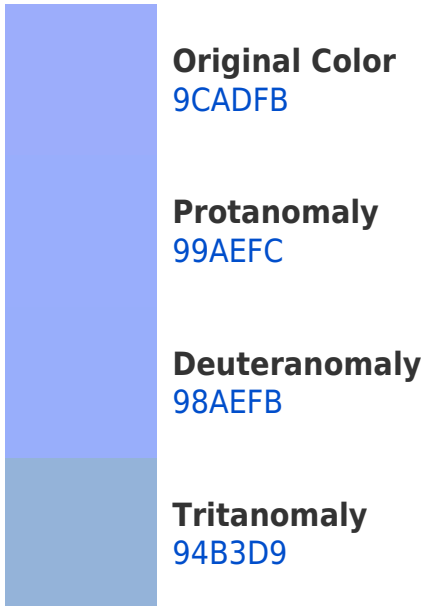
**Protanopia**  
98AEFC

**Deuteranopia**  
95AFFB

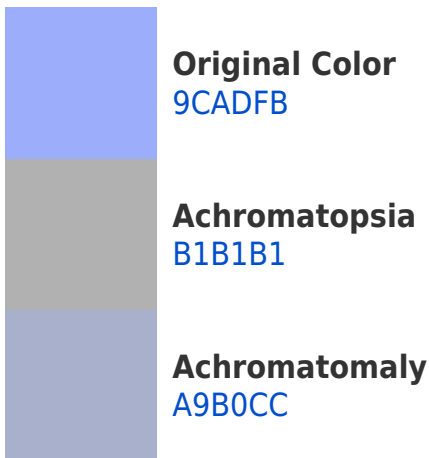


**Tritanopia**  
8FB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CADFB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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