

# Converting Colors

Hex(9FCEFA)

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

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# **Color**

**Hex(9FCEFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FCEFA
RGB	159, 206, 250
RGB Percent	62%, 81%, 98%
CMY	0.3765, 0.1922, 0.0196
CMYK	0.36, 0.18, 0.00, 0.02
HSL	209°, 90%, 80%
HSV	209°, 36%, 98%
XYZ	53.6247, 58.4157, 98.8915
YIQ	196.9630, -42.1360, 3.7200

# Conversions

## Conversions Part 2

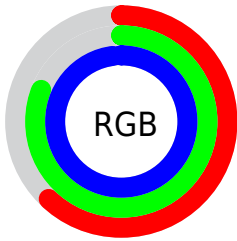
Format	Color
R <sub>Y</sub> B	159, 190, 250
Decimal	10473210
CIE Lab	80.97, -4.82, -26.50
CIE LCh	81, 26.931, 259.696
Yxy	58.4157, 0.2542, 0.2769
Android (android.graphics.Color)	4288663290 (0xFF9FCEFA)
YUV	196.9630, 26.1472, -33.2936
Hunter-Lab	76.4301, -8.5141, -23.2131

# Details

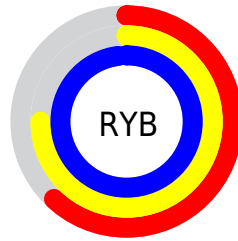
The Hex color **9FCEFA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FACB9F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D8FFFF**, and **6898C1** is the 20% darker color. If you saturate the color by 10%, you get **86C2FA**, and if you desaturate by 10%, it is **B8DAFA**.

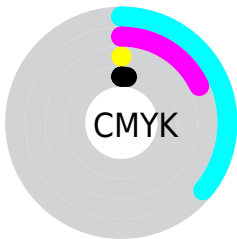
# Distribution



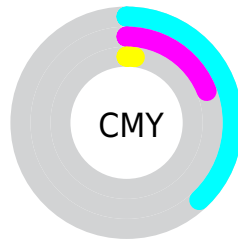
- Red (62%)
- Green (81%)
- Blue (98%)



- Red (62%)
- Yellow (75%)
- Blue (98%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



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

# Brightness & Saturation Gradients

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



 9FCEFA

 9FCEFA

FFFFFF

 83B3DD

 D8FFFF

 6898C1

 F5FFFF

 4D7EA6

 30658C

 0D4D72

 003759

 002142

 000A2C

 000116

■ 9FCEFA

■ 9FCEFA

■ 86C2FA

■ B8DAFA

■ 6DB6FA

■ D1E6FA

■ 54AAFA

■ EAF2FA

■ 3B9EFA

■ FFFEFA

■ 2292FA

■ FFFFFA

■ 0985FA

■ 0081FA

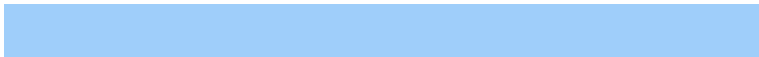
# Harmonies

## Analogous

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



86D4EF



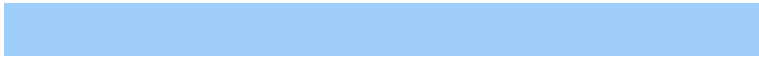
9FCEFA



C2C6F8

# Triad

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



9FCEFA



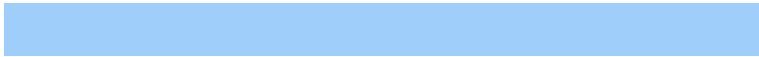
FDB7B9



AED3A8

# Complementary

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



9FCEFA



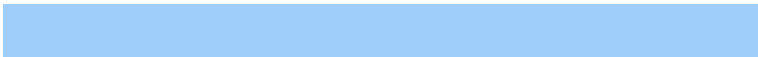
FACB9F

# 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.



CACD99



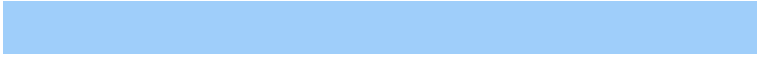
9FCEFA



F6BCA4

# Square

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



9FCEFA



F6B8D3



E4C498



93D7BF

# Rectangle

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



9FCEFA



D7C0F0



E4C498

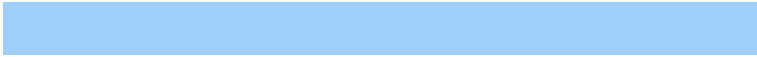


B7D1A2

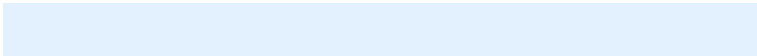


# Sweetspot

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



9FCEFA



E3F1FF



9FFACB



6F7780



000000



808080

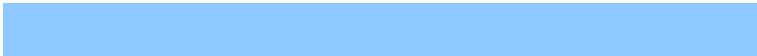


# Same Dimension

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



9FCEFA



8FC9FF



9FA1FA



70777D



0061BD



00203D



# Inverse Universe

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



FA9FCE



FF8FC9



FAF89F



7D7077



BD0061

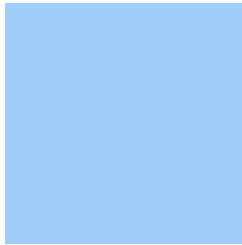


3D0020



# Previews

## White Background



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

## Color Contrast Check

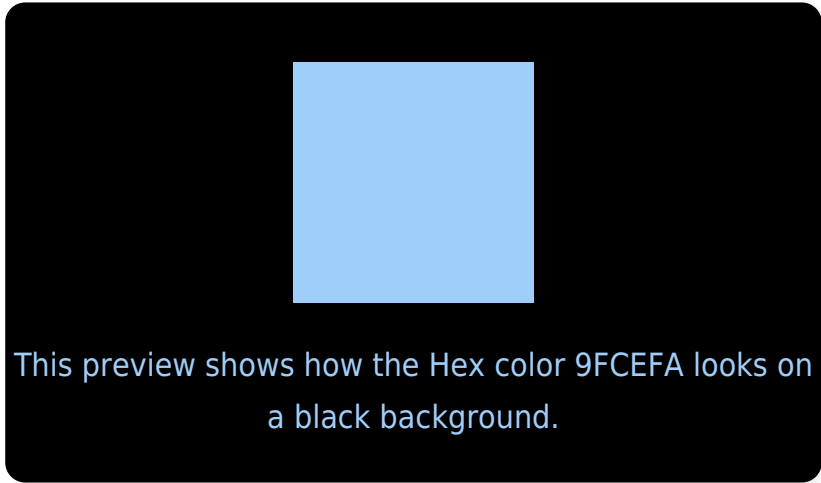
Large Text (above 18pt) WCAG AA × Fail

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

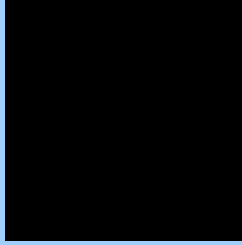
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

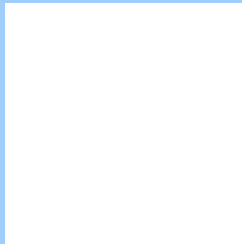
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FCEFA Background



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



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

# 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](#).

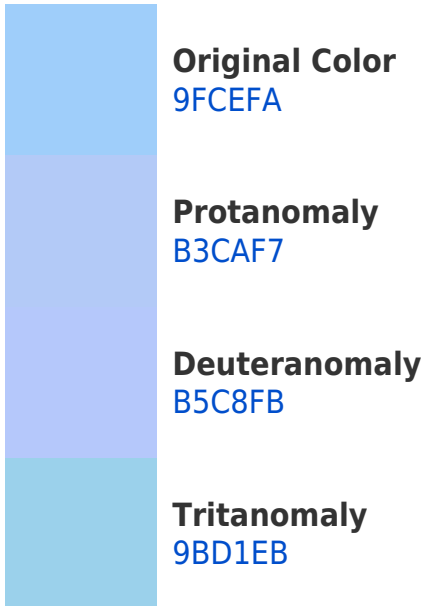
## Dichromacy



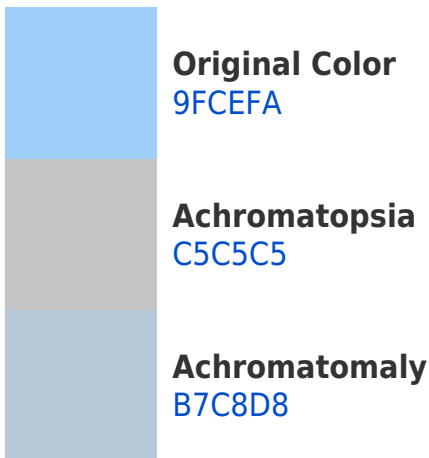


**Tritanopia**  
99D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9FCEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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