

# Converting Colors

Hex(9FD6FA)

Have a look what the booklet for  
Hex(9FD6FA) contains.

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# **Color**

**Hex(9FD6FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FD6FA
RGB	159, 214, 250
RGB Percent	62%, 84%, 98%
CMY	0.3765, 0.1608, 0.0196
CMYK	0.36, 0.14, 0.00, 0.02
HSL	204°, 90%, 80%
HSV	204°, 36%, 98%
XYZ	55.6000, 62.3662, 99.5499
YIQ	201.6590, -44.3360, -0.4640

# Conversions

## Conversions Part 2

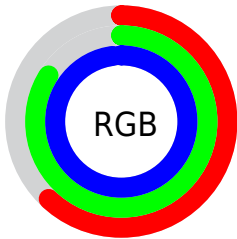
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 193, 250
Decimal	10475258
CIE <sub>Lab</sub>	83.11, -9.02, -23.24
CIE <sub>LCh</sub>	83, 24.929, 248.781
Yxy	62.3662, 0.2556, 0.2867
Android (android.graphics.Color)	4288665338 (0xFF9FD6FA)
YUV	201.6590, 23.8321, -37.4119
Hunter-Lab	78.9723, -12.5296, -19.4585

# Details

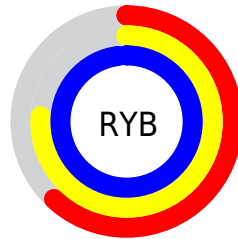
The Hex color **9FD6FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAC39F**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D8FFFF**, and **689FC1** is the 20% darker color. If you saturate the color by 10%, you get **86CCFA**, and if you desaturate by 10%, it is **B8E0FA**.

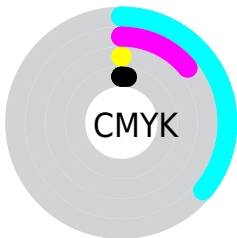
# Distribution



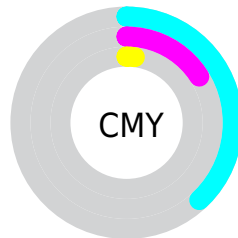
- Red (62%)
- Green (84%)
- Blue (98%)



- Red (62%)
- Yellow (76%)
- Blue (98%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FD6FA 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 9FD6FA by changing the saturation by 10% instead.



 9FD6FA

 9FD6FA

FFFFFF

 83BADD

 D8FFFF

 689FC1

 F5FFFF

 4C85A6

 306C8C

 0A5472

 003D5A

 002742

 00132C

 000117

 9FD6FA

 9FD6FA

 86CCFA

 B8E0FA

 6DC2FA

 D1EAFA

 54B8FA

 EAF4FA

 3BAEFA

 FFFEFA

 22A5FA

 FFFFFA

 099BFA

 0097FA

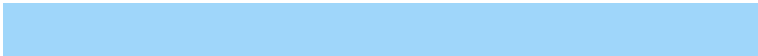
# Harmonies

## Analogous

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



8EDBEB



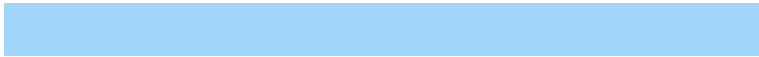
9FD6FA



BDCFFD

# Triad

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



9FD6FA



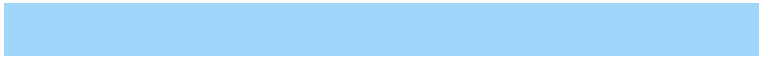
FFBEC9



BFD6AA

# Complementary

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



9FD6FA



FAC39F

# 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.



DAD0A1



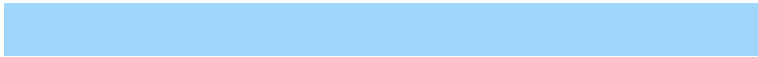
9FD6FA



FDC1B3

# Square

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



9FD6FA



F3C0E0



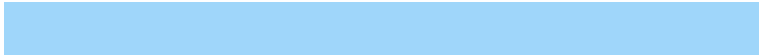
F0C8A4



A5DBBD

# Rectangle

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



9FD6FA



D2C9F8



F0C8A4

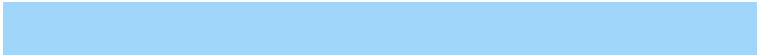


C8D4A6



# Sweetspot

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



9FD6FA



E3F4FF



9FFAC2



6F7980



000000

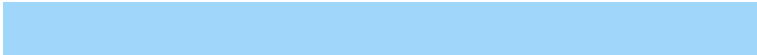


808080

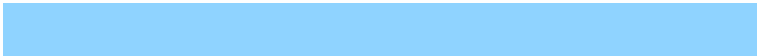


# Same Dimension

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



9FD6FA



8FD3FF



9FAAFA



70787D



0072BD



00253D



# Inverse Universe

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



FA9FD6



FF8FD3



FAEF9F



7D7078



BD0072

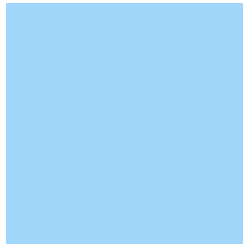


3D0025



# Previews

## White Background



This preview shows how the Hex color 9FD6FA looks on a white background.

## Color Contrast Check

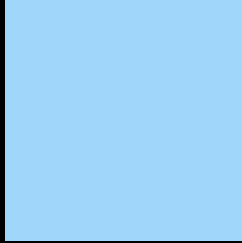
Large Text (above 18pt) WCAG AA × Fail

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 9FD6FA 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 9FD6FA Background



This preview shows how black text looks on a background with the Hex color 9FD6FA.

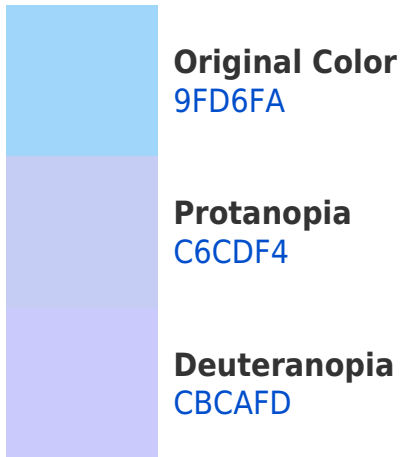


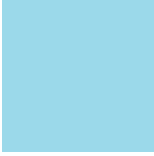
This preview shows how white text looks on a background with the Hex color 9FD6FA.

# 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



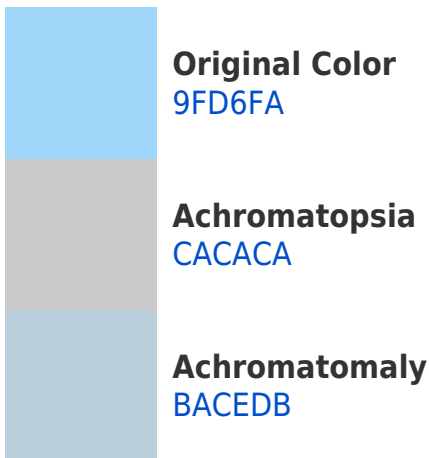


**Tritanopia**  
9BD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FD6FA 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 #9FD6FA looks like.

```
.text, #text, p{  
    color:#9FD6FA  
}
```

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 #9FD6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FD6FA
}
```

## Border

The CSS property to change the border of an element to Hex 9FD6FA 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
#9FD6FA }
```

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

```
.border{ border-color:#9FD6FA }
```

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

Here you see how a box with a 4 pixel #9FD6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FD6FA; -webkit-box-shadow:4px 4px  
4px 4px #9FD6FA; box-shadow:4px 4px 4px  
4px #9FD6FA }
```

# Background

The CSS property to change the background color of an element to Hex 9FD6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FD6FA }
```

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

```
.background{ background-color:#9FD6FA }
```

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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