

# Converting Colors

Hex(9FFAFD)

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

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# **Color**

**Hex(9FFAFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFAFD
RGB	159, 250, 253
RGB Percent	62%, 98%, 99%
CMY	0.3765, 0.0196, 0.0078
CMYK	0.37, 0.01, 0.00, 0.01
HSL	182°, 96%, 81%
HSV	182°, 37%, 99%
XYZ	66.2133, 82.8340, 105.4273
YIQ	223.1330, -55.1990, -18.3590

# Conversions

## Conversions Part 2

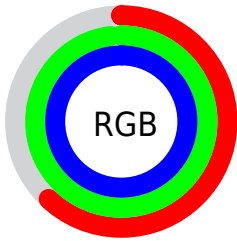
Format	Color
R <sub>YB</sub>	159, 205, 253
Decimal	10484477
CIE Lab	92.94, -26.34, -10.03
CIE LCh	93, 28.182, 200.851
Yxy	82.8340, 0.2602, 0.3255
Android (android.graphics.Color)	4288674557 (0xFF9FFAFD)
YUV	223.1330, 14.7244, -56.2446
Hunter-Lab	91.0132, -29.4119, -4.9707

# Details

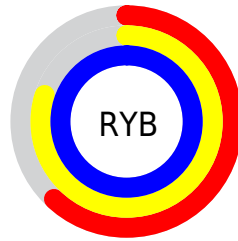
The Hex color **9FFAFD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FDA29F**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D9FFFF**, and **66C1C4** is the 20% darker color. If you saturate the color by 10%, you get **86F9FD**, and if you desaturate by 10%, it is **B8FBFD**.

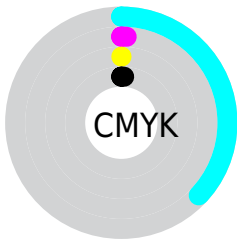
# Distribution



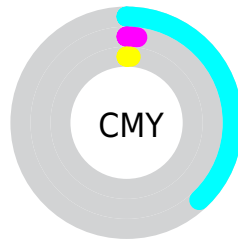
- Red (62%)
- Green (98%)
- Blue (99%)



- Red (62%)
- Yellow (80%)
- Blue (99%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (2%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 9FFAFD

FFFFFF

 D9FFFF

 F7FFFF

 9FFAFD

 82DDE0

 66C1C4

 49A6A9

 288B8F

 007275

 00595D

 004145

 002A2F

 00131A

 9FFAFD

 9FFAFD

 86F9FD

 B8FBFD

 6CF8FD

 D2FCFD

 53F8FD

 EBFCFD

 3AF7FD

 FFFDFD

 20F6FD

 FFFEFD

 07F5FD

 FFFFFD

 00F5FD

# Harmonies

## Analogous

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



B0FAE1



9FFAFD



A4F7FF

# Triad

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



9FFAFD



FFDEFF



FFE6B6

# Complementary

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



9FFAFD



FDA29F

# 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.



FFDEC2



9FFAFD



FFD8F4

# Square

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



9FFAFD



E4E7FF



FFD8D9



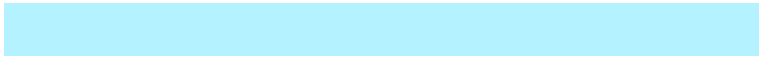
EBEFB8

# Rectangle

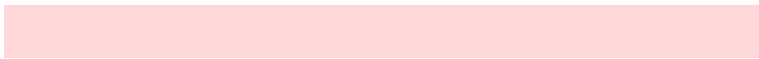
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9FFAFD



B5F2FF



FFD8D9



FFE3B8



# Sweetspot

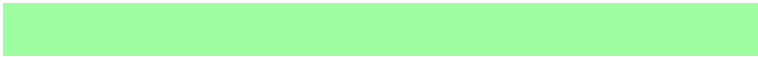
The Sweet Spot groups the original color and five complimentary colors.



9FFAFD



E3FEFF



9FFDA1



6F7F80



000000



808080



# Same Dimension

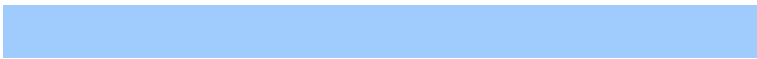
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9FFAFD



8CFBFF



9FCCFD



737F80



00B9BF



003E40



# Inverse Universe

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



FD9FFA



FF8CFB



FDD09F



80737F



BF00B9

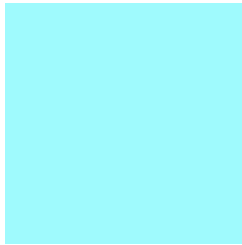


40003E



# Previews

## White Background



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

## Color Contrast Check

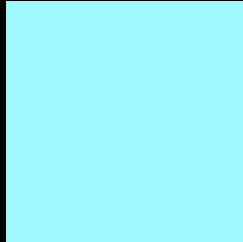
Large Text (above 18pt) WCAG AA × Fail

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 9FFAFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

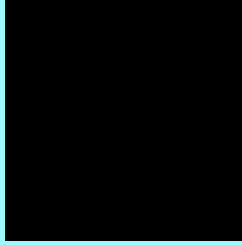
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FFAFD Background



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

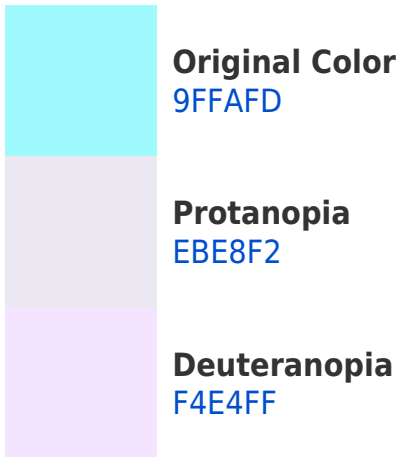


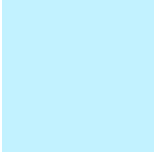
This preview shows how white text looks on a background with the Hex color 9FFAFD.

# 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



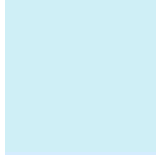


**Tritanopia**  
C2F2FF

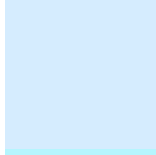
# Trichromacy



**Original Color**  
9FFAFD



**Protanomaly**  
CFEFF6



**Deuteranomaly**  
D5ECFE

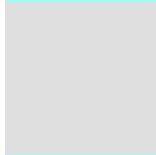


**Tritanomaly**  
B5F5FE

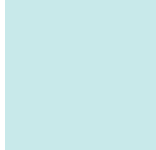
# Monochromacy



**Original Color**  
9FFAFD



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
C8E9EA

# CSS Examples

## Text

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

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

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 #9FFAFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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