

# Converting Colors

Hex(9AFF81)

Have a look what the booklet for  
Hex(9AFF81) contains.

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**Color**

**Hex(9AFF81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AFF81
RGB	154, 255, 129
RGB Percent	60%, 100%, 51%
CMY	0.3961, 0.0000, 0.4941
CMYK	0.40, 0.00, 0.49, 0.00
HSL	108°, 100%, 75%
HSV	108°, 49%, 100%
XYZ	53.0489, 79.9750, 33.4096
YIQ	210.4370, -19.7500, -60.5980

# Conversions

## Conversions Part 2

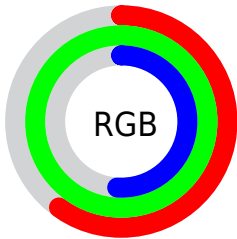
Format	Color
<a href="#">RYB</a>	<a href="#">129, 255, 230</a>
Decimal	<a href="#">10157953</a>
CIELab	<a href="#">91.67, -52.44, 50.75</a>
CIELCh	<a href="#">92, 72.975, 135.940</a>
Yxy	<a href="#">79.9750, 0.3187, 0.4805</a>
Android (android.graphics.Color)	<a href="#">4288348033 (0xFF9AFF81)</a>
YUV	<a href="#">210.4370, -40.1484, -49.4952</a>
Hunter-Lab	<a href="#">89.4287, -50.6146, 40.4500</a>

# Details

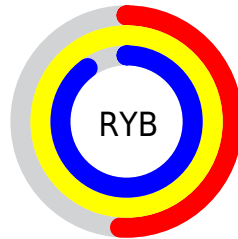
The Hex color **9AFF81** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E681FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D4FFB8**, and **60C64C** is the 20% darker color. If you saturate the color by 10%, you get **86FF68**, and if you desaturate by 10%, it is **AEFF9B**.

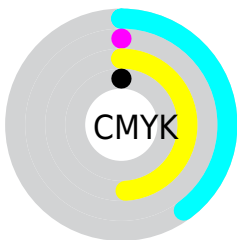
# Distribution



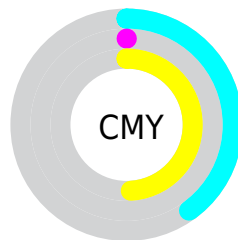
- Red (60%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AFF81 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 9AFF81 by changing the saturation by 10% instead.



 9AFF81

 9AFF81

FFFFFF

 7DE266

 D4FFB8

 60C64C

 F2FFD4

 42AA31

 FFFFF1

 1E8F13

 007400

 005B00

 004200

 002C00

 000B00

 9AFF81

 9AFF81

 86FF68

 AEFF9B

 71FF4E

 C3FFB4

 5DFF35

 D7FFCE

 48FF1B

 ECFE7

 34FF02

FFFFFF

 33FF00

# Harmonies

## Analogous

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



EAEF57



9AFF81



00FFC3

# Triad

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



9AFF81



00F8FF



FFAAC4

# Complementary

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



9AFF81



E681FF

# Split Complementary

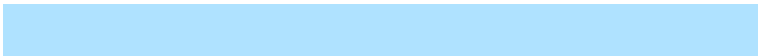
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADFF



9AFF81



AFE2FF

# Square

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



9AFF81



00FFFF



FFC5FF



FFBD85

# Rectangle

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



9AFF81



00FFF3



FFC5FF



FFA8DC

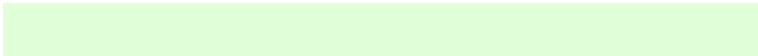


# Sweetspot

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



9AFF81



E0FFD9



FFE681



6D8069



000000



808080



# Same Dimension

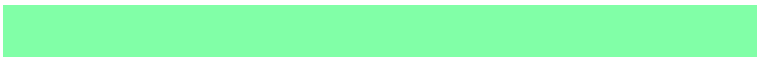
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9AFF81



86FF69



81FFA7



758073



26BF00



0D4000



# Inverse Universe

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



E681FF



E169FF



FF81D9



7D7380



9900BF

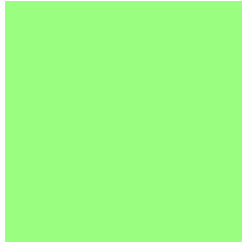


330040



# Previews

## White Background



This preview shows how the Hex color 9AFF81 looks on a white background.

## Color Contrast Check

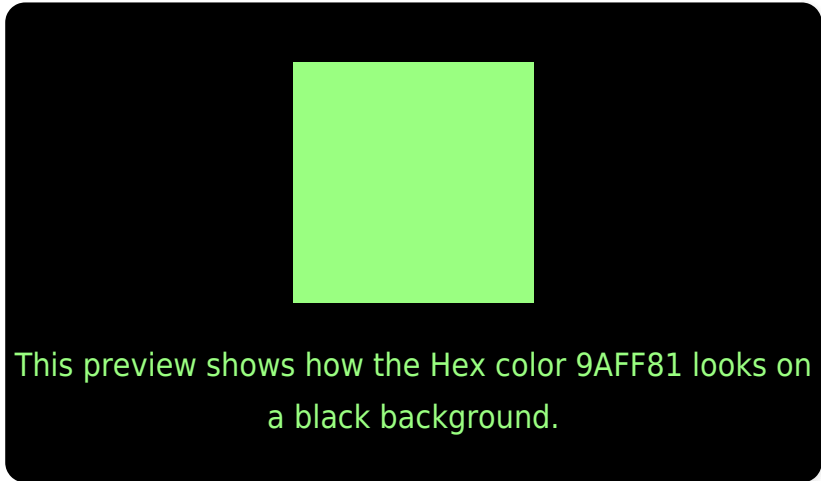
Large Text (above 18pt) WCAG AA × Fail

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 9AFF81 Background



This preview shows how black text looks on a background with the Hex color 9AFF81.

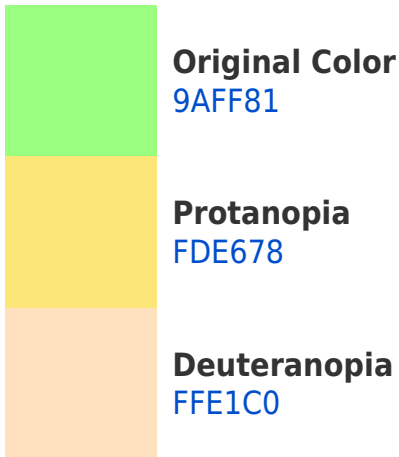


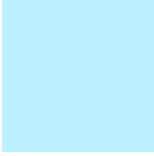
This preview shows how white text looks on a background with the Hex color 9AFF81.

# 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



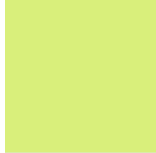


**Tritanopia**  
BCEFFF

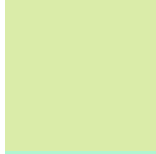
# Trichromacy



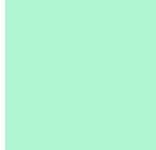
**Original Color**  
9AFF81



**Protanomaly**  
D9EF7B

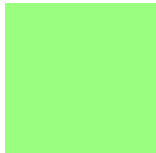


**Deuteranomaly**  
DAECA9

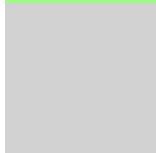


**Tritanomaly**  
B0F5D1

# Monochromacy



**Original Color**  
9AFF81



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BEE2B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AFF81 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 #9AFF81 looks like.

```
.text, #text, p{  
    color:#9AFF81  
}
```

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 #9AFF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFF81
}
```

## Border

The CSS property to change the border of an element to Hex 9AFF81 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
#9AFF81 }
```

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

```
.border{ border-color:#9AFF81 }
```

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

Here you see how a box with a 4 pixel #9AFF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFF81; -webkit-box-shadow:4px 4px  
4px 4px #9AFF81; box-shadow:4px 4px 4px  
4px #9AFF81 }
```

# Background

The CSS property to change the background color of an element to Hex 9AFF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFF81 }
```

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

```
.background{ background-color:#9AFF81 }
```

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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