

# Converting Colors

Hex(9BFF6E)

Have a look what the booklet for  
Hex(9BFF6E) contains.

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**Color**

**Hex(9BFF6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BFF6E
RGB	155, 255, 110
RGB Percent	61%, 100%, 43%
CMY	0.3922, 0.0000, 0.5686
CMYK	0.39, 0.00, 0.57, 0.00
HSL	101°, 100%, 72%
HSV	101°, 57%, 100%
XYZ	52.0920, 79.6144, 27.3734
YIQ	208.5700, -13.0550, -66.2950

# Conversions

## Conversions Part 2

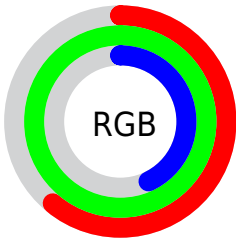
Format	Color
<a href="#">RYB</a>	<a href="#">110, 255, 210</a>
Decimal	<a href="#">10223470</a>
CIELab	<a href="#">91.51, -54.23, 59.14</a>
CIELCh	<a href="#">92, 80.239, 132.522</a>
Yxy	<a href="#">79.6144, 0.3275, 0.5005</a>
Android (android.graphics.Color)	<a href="#">4288413550 (0xFF9BFF6E)</a>
YUV	<a href="#">208.5700, -48.5950, -46.9809</a>
Hunter-Lab	<a href="#">89.2269, -51.9359, 44.2696</a>

# Details

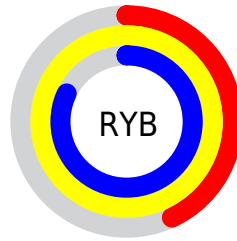
The Hex color **9BFF6E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D26EFF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D6FFA5**, and **60C637** is the 20% darker color. If you saturate the color by 10%, you get **89FF55**, and if you desaturate by 10%, it is **ADFF88**.

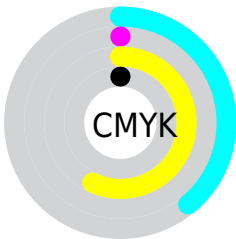
# Distribution



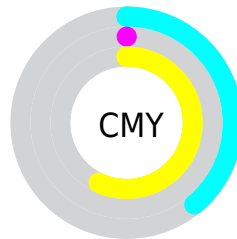
- Red (61%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 9BFF6E 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 9BFF6E by changing the saturation by 10% instead.



 9BFF6E

 9BFF6E

FFFFFF

 7EE253

 D6FFA5

 60C637

 F4FFC2

 41AA16

 FFFFDE

 1B8F00

 FFFFFC

 007400

 005B00

 004200

 002C00

 000A00

 9BFF6E

 9BFF6E

 89FF55

 ADFF88

 78FF3B

 BEFFA1

 66FF21

 D0FFBB

 55FF08

 E1FFD4

 4FFF00

 F3FFEE

FFFFFF

# Harmonies

## Analogous

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



F1ED40



9BFF6E



00FFB6

# Triad

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



9BFF6E



00FCFF



FF9FC9

# Complementary

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



9BFF6E



D26EFF

# Split Complementary

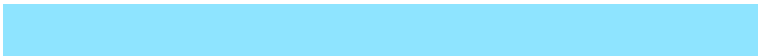
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA7FF



9BFF6E



8EE4FF

# Square

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



9BFF6E



00FFFF



FFC4FF



FFB482

# Rectangle

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



9BFF6E



00FFEB



FFC4FF



FF9EE3

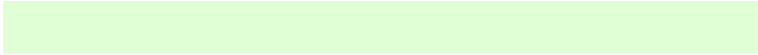


# Sweetspot

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



9BFF6E



E1FFD4



FFD16E



6E8066



000000



808080



# Same Dimension

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



9BFF6E



87FF52



6EFF89



778073



3BBF00



144000



# Inverse Universe

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



D26EFF



C952FF



FF6EE4



7C7380



8400BF

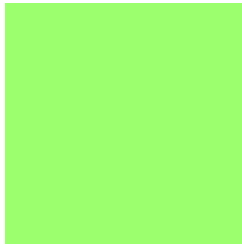


2C0040



# Previews

## White Background



This preview shows how the Hex color 9BFF6E looks on a white background.

## Color Contrast Check

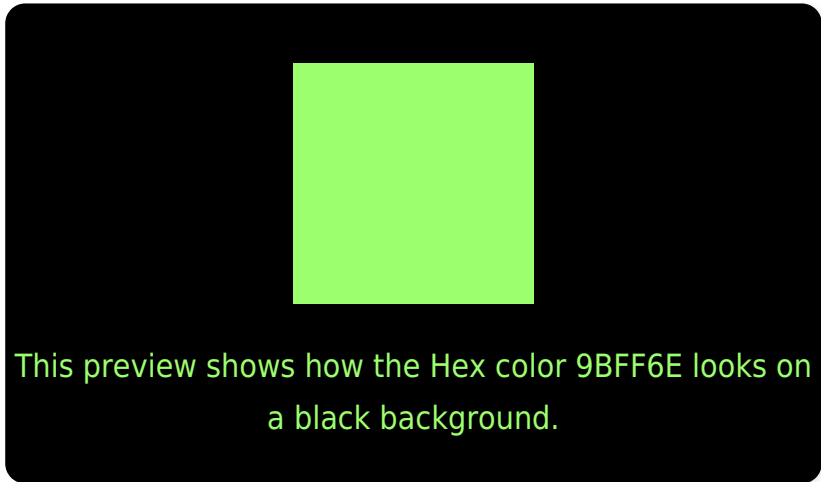
Large Text (above 18pt) WCAG AA × Fail

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

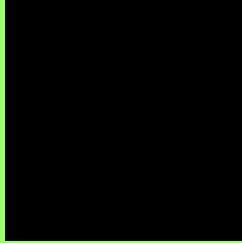
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

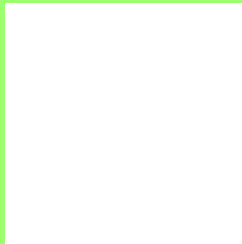
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BFF6E Background



This preview shows how black text looks on a background with the Hex color 9BFF6E.

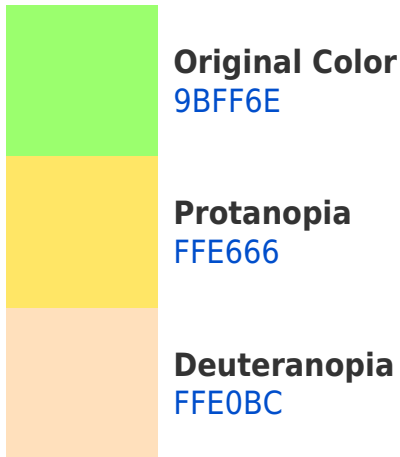


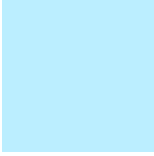
This preview shows how white text looks on a background with the Hex color 9BFF6E.

# 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



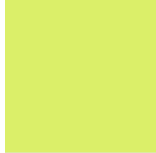


**Tritanopia**  
BBEEFF

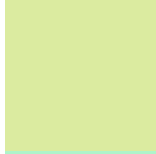
# Trichromacy



**Original Color**  
9BFF6E



**Protanomaly**  
DBEF69



**Deuteranomaly**  
DBEBA0

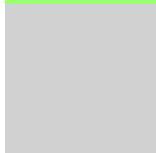


**Tritanomaly**  
AFF4CA

# Monochromacy



**Original Color**  
9BFF6E



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
BDE2AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BFF6E 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 #9BFF6E looks like.

```
.text, #text, p{  
    color:#9BFF6E  
}
```

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 #9BFF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFF6E
}
```

## Border

The CSS property to change the border of an element to Hex 9BFF6E 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
#9BFF6E }
```

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

```
.border{ border-color:#9BFF6E }
```

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

Here you see how a box with a 4 pixel #9BFF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFF6E; -webkit-box-shadow:4px 4px  
4px 4px #9BFF6E; box-shadow:4px 4px 4px  
4px #9BFF6E }
```

# Background

The CSS property to change the background color of an element to Hex 9BFF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFF6E }
```

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

```
.background{ background-color:#9BFF6E }
```

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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