

Converting Colors

Hex(9BFF7E)

Have a look what the booklet for
Hex(9BFF7E) contains.

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Color

Hex(9BFF7E)

Conversions

Conversions Part 1

Format	Color
Hex	9BFF7E
RGB	155, 255, 126
RGB Percent	61%, 100%, 49%
CMY	0.3922, 0.0000, 0.5059
CMYK	0.39, 0.00, 0.51, 0.00
HSL	107°, 100%, 75%
HSV	107°, 51%, 100%
XYZ	53.0435, 79.9949, 32.3835
YIQ	210.3940, -18.1910, -61.3190

Conversions

Conversions Part 2

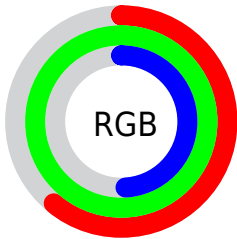
Format	Color
RYB	126, 255, 226
Decimal	10223486
CIELab	91.68, -52.49, 52.16
CIElCh	92, 74.000, 135.183
Yxy	79.9949, 0.3207, 0.4836
Android (android.graphics.Color)	4288413566 (0xFF9BFF7E)
YUV	210.3940, -41.6062, -48.5805
Hunter-Lab	89.4399, -50.6581, 41.1408

Details

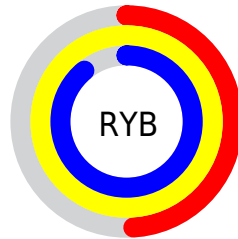
The Hex color **9BFF7E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E27EFF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D6FFB5**, and **61C649** is the 20% darker color. If you saturate the color by 10%, you get **87FF65**, and if you desaturate by 10%, it is **AFFF98**.

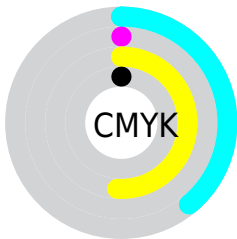
Distribution



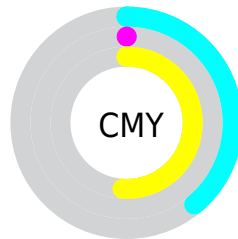
- Red (61%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFF7E 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 9BFF7E by changing the saturation by 10% instead.

 9BFF7E

FFFFFF

 D6FFB5

 F3FFD1

 FFFFEE

 9BFF7E

 7EE263

 61C649

 43AA2E

 1F8F0D

 007400

 005B00

 004200

 002C00

 000B00

 9BFF7E

 9BFF7E

 87FF65

 AFFF98

 73FF4B

 C3FFB1

 60FF31

 D6FFCB

 4CFF18

 EAFFE4

 39FF00

FEFFFE

FFFFFF

Harmonies

Analogous

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



ECEF54



9BFF7E



00FFC0

Triad

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



9BFF7E



00F9FF



FFA9C6

Complementary

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



9BFF7E



E27EFF

Split Complementary

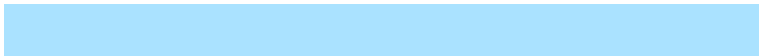
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADFF



9BFF7E



AAE2FF

Square

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



9BFF7E



00FFFF



FFC5FF



FFBB85

Rectangle

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



9BFF7E



00FFF2



FFC5FF



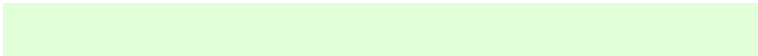
FFA7DE

Sweetspot

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



9BFF7E



E1FFD9



FFE17E



6E8069



000000



808080

Same Dimension

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



9BFF7E



86FF63



7EFFA0



768073



2BBF00



0E4000

Inverse Universe

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



E27EFF



DC63FF



FF7EDD



7D7380



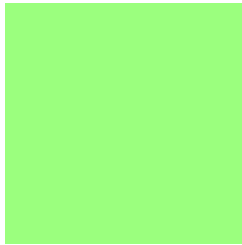
9400BF



310040

Previews

White Background



This preview shows how the Hex color 9BFF7E looks on a white background.

Color Contrast Check

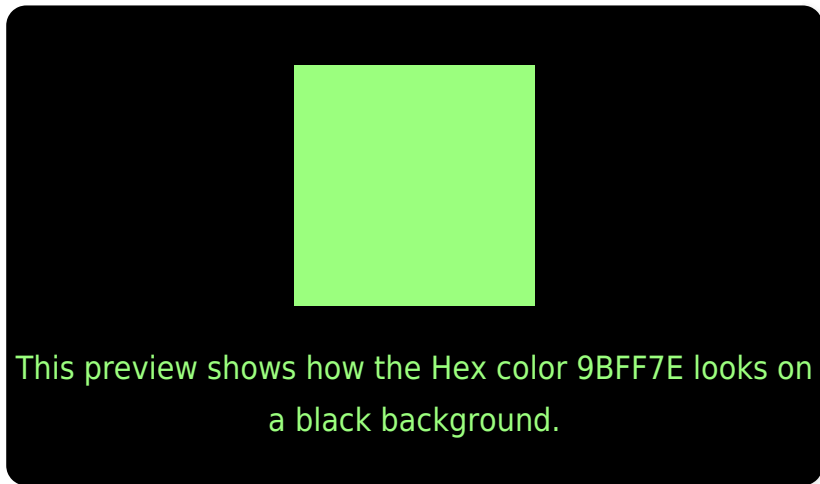
Large Text (above 18pt) WCAG AA × Fail

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

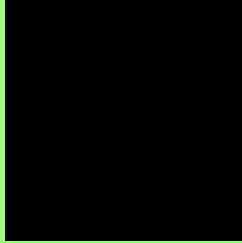
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

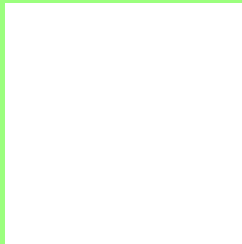
Any Text WCAG AAA ✓ Pass

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

Hex 9BFF7E Background



This preview shows how black text looks on a background with the Hex color 9BFF7E.

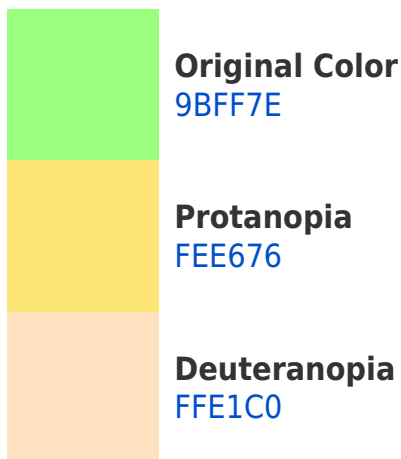


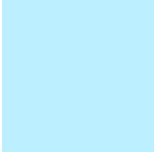
This preview shows how white text looks on a background with the Hex color 9BFF7E.

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



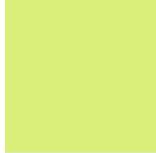


Tritanopia
BCEFFF

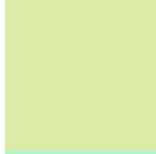
Trichromacy



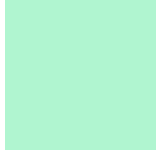
Original Color
9BFF7E



Protanomaly
DAEF79

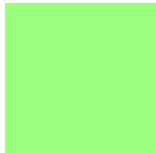


Deuteranomaly
DBECA8

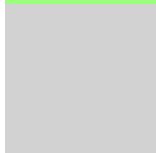


Tritanomaly
B0F5D0

Monochromacy



Original Color
9BFF7E



Achromatopsia
D2D2D2



Achromatomaly
BEE2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFF7E 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 #9BFF7E looks like.

```
.text, #text, p{  
    color:#9BFF7E  
}
```

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 #9BFF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFF7E
}
```

Border

The CSS property to change the border of an element to Hex 9BFF7E 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
#9BFF7E }
```

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

```
.border{ border-color:#9BFF7E }
```

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

Here you see how a box with a 4 pixel #9BFF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFF7E; -webkit-box-shadow:4px 4px  
4px 4px #9BFF7E; box-shadow:4px 4px 4px  
4px #9BFF7E }
```

Background

The CSS property to change the background color of an element to Hex 9BFF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFF7E }
```

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

```
.background{ background-color:#9BFF7E }
```

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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