

Converting Colors

Hex(9EFF9E)

Have a look what the booklet for
Hex(9EFF9E) contains.

Hex(9EFF9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EFF9E)

Conversions

Conversions Part 1

Format	Color
Hex	9EFF9E
RGB	158, 255, 158
RGB Percent	62%, 100%, 62%
CMY	0.3804, 0.0000, 0.3804
CMYK	0.38, 0.00, 0.38, 0.00
HSL	120°, 100%, 81%
HSV	120°, 38%, 100%
XYZ	56.0321, 81.2577, 45.0789
YIQ	214.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

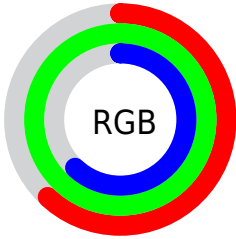
Format	Color
RYB	158, 255, 255
Decimal	10420126
CIELab	92.25, -47.33, 37.57
CIELCh	92, 60.430, 141.560
Yxy	81.2577, 0.3072, 0.4456
Android (android.graphics.Color)	4288610206 (0xFF9EFF9E)
YUV	214.9390, -28.0709, -49.9355
Hunter-Lab	90.1431, -46.7964, 33.4503

Details

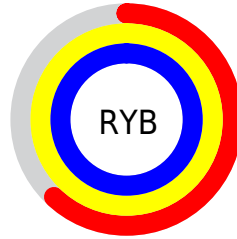
The Hex color **9EFF9E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF9EFF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D8FFD5**, and **65C669** is the 20% darker color. If you saturate the color by 10%, you get **84FF84**, and if you desaturate by 10%, it is **B8FFB8**.

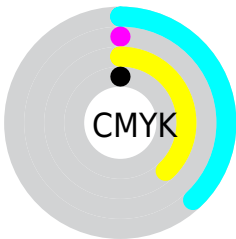
Distribution



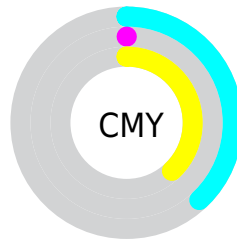
- Red (62%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFF9E 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 9EFF9E by changing the saturation by 10% instead.

 9EFF9E

FFFFFF

 D8FFD5

 F5FFF2

 9EFF9E

 82E283

 65C669

 49AA50

 298F37

 00751F

 005B02

 004200

 002D00

 000F00

 9EFF9E

 9EFF9E

 84FF84

 B8FFB8

 6BFF6B

 D1FFD1

 52FF52

 EBFFEB

 38FF38

FFFFFF

 1FFF1F

 05FF05

 00FF00

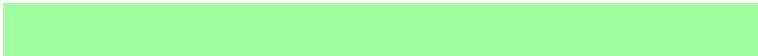
Harmonies

Analogous

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



E2F279



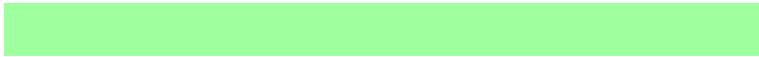
9EFF9E



2FFFD6

Triad

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



9EFF9E



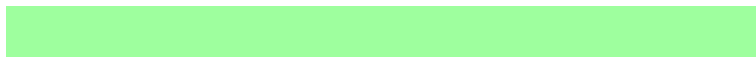
58F4FF



FFBBC1

Complementary

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



9EFF9E



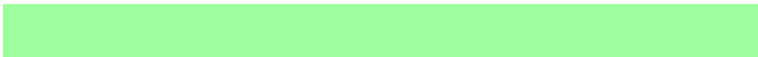
FF9EFF

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.



FFBAFC



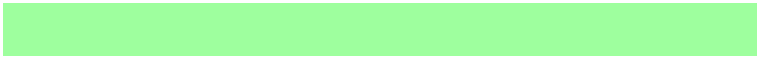
9EFF9E



D4E0FF

Square

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



9EFF9E



00FFFF



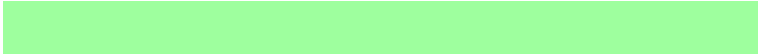
FFCAFF



FFCB90

Rectangle

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



9EFF9E



00FFFE



FFCAFF



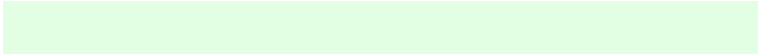
FFB9D4

Sweetspot

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



9EFF9E



E3FFE3



FFFF9E



6F806F



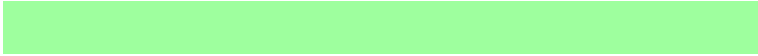
000000



808080

Same Dimension

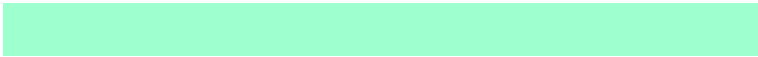
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EFF9E



8AFF8A



9EFFCF



738073



00BF00



004000

Inverse Universe

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



FF9EFF



FF8AFF



FF9ECF



807380



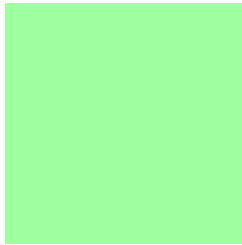
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 9EFF9E looks on a white background.

Color Contrast Check

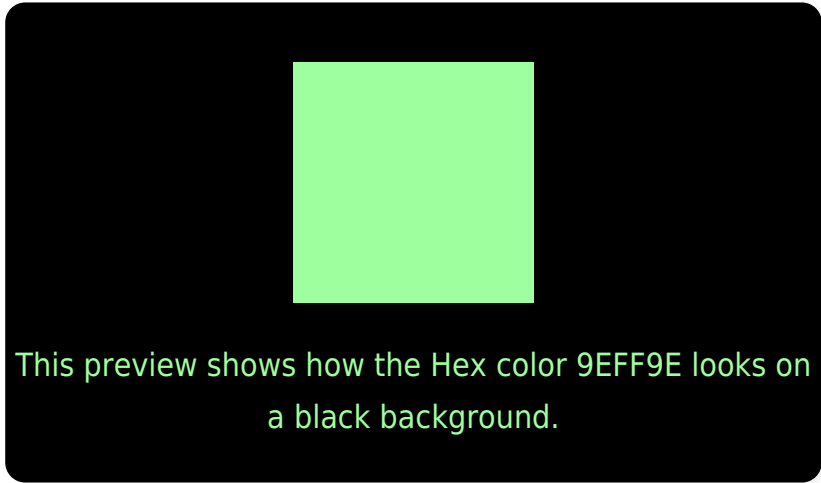
Large Text (above 18pt) WCAG AA × Fail

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 9EFF9E Background



This preview shows how black text looks on a background with the Hex color 9EFF9E.

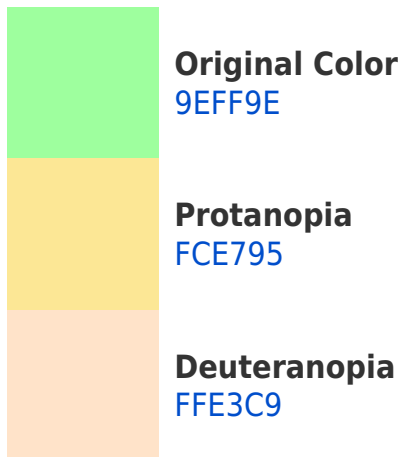


This preview shows how white text looks on a background with the Hex color 9EFF9E.

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



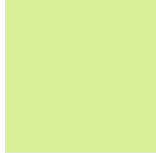


Tritanopia
C1F0FF

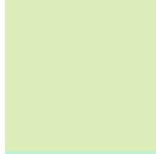
Trichromacy



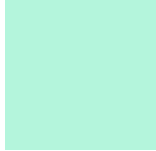
Original Color
9EFF9E



Protanomaly
DAF098

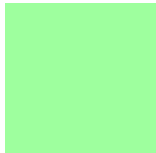


Deuteranomaly
DCEDB9

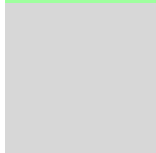


Tritanomaly
B4F5DC

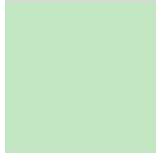
Monochromacy



Original Color
9EFF9E



Achromatopsia
D7D7D7



Achromatomaly
C2E6C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFF9E 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 #9EFF9E looks like.

```
.text, #text, p{  
    color:#9EFF9E  
}
```

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 #9EFF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFF9E
}
```

Border

The CSS property to change the border of an element to Hex 9EFF9E 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
#9EFF9E }
```

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

```
.border{ border-color:#9EFF9E }
```

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

Here you see how a box with a 4 pixel #9EFF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFF9E; -webkit-box-shadow:4px 4px  
4px 4px #9EFF9E; box-shadow:4px 4px 4px  
4px #9EFF9E }
```

Background

The CSS property to change the background color of an element to Hex 9EFF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFF9E }
```

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

```
.background{ background-color:#9EFF9E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor