

Converting Colors

Hex(9BFF5E)

Have a look what the booklet for
Hex(9BFF5E) contains.

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Color

Hex(9BFF5E)

Conversions

Conversions Part 1

Format	Color
Hex	9BFF5E
RGB	155, 255, 94
RGB Percent	61%, 100%, 37%
CMY	0.3922, 0.0000, 0.6314
CMYK	0.39, 0.00, 0.63, 0.00
HSL	97°, 100%, 68%
HSV	97°, 63%, 100%
XYZ	51.2979, 79.2967, 23.1918
YIQ	206.7460, -7.9190, -71.2710

Conversions

Conversions Part 2

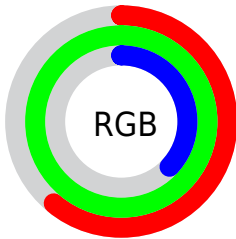
Format	Color
RYB	94, 255, 194
Decimal	10223454
CIELab	91.37, -55.70, 65.68
CIELCh	91, 86.119, 130.303
Yxy	79.2967, 0.3336, 0.5156
Android (android.graphics.Color)	4288413534 (0xFF9BFF5E)
YUV	206.7460, -55.5838, -45.3812
Hunter-Lab	89.0487, -53.0074, 46.8926

Details

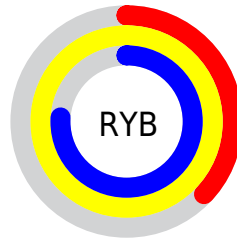
The Hex color **9BFF5E** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C25EFF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D6FF96**, and **60C521** is the 20% darker color. If you saturate the color by 10%, you get **8BFF45**, and if you desaturate by 10%, it is **ABFF78**.

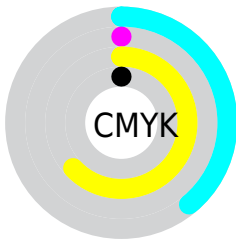
Distribution



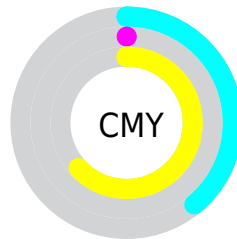
- Red (61%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFF5E 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 9BFF5E by changing the saturation by 10% instead.

 9BFF5E

 9BFF5E

FFFFFF

 7DE241

 D6FF96

 60C521

 F5FFB3

 40AA00

 FFFFCF

 178F00

 FFFFED

 007400

 005B00

 004200

 002B00

 000900

 9BFF5E

 9BFF5E

 8BFF45

 ABFF78

 7BFF2B

 BBFF91

 6BFF12

 CBFFAB

 61FF00

 DAFFC4

 EAFFDE

 FAFFF7

FFFFFF

Harmonies

Analogous

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



F6EB29



9BFF5E



00FFAB

Triad

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



9BFF5E



00FEFF



FF96CD

Complementary

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



9BFF5E



C25EFF

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.



FFA1FF



9BFF5E



69E6FF

Square

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



9BFF5E



00FFFF



FFC4FF



FFAC7F

Rectangle

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



9BFF5E



00FFE5



FFC4FF



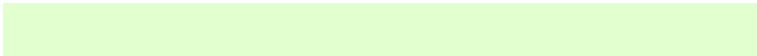
FF96E9

Sweetspot

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



9BFF5E



E1FFCF



FFC15E



6D8062



000000



808080

Same Dimension

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



9BFF5E



87FF3D



5EFF71



788073



48BF00



184000

Inverse Universe

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



C25EFF



B63DFF



FF5EEC



7B7380



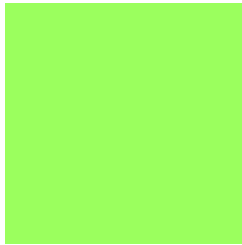
7700BF



280040

Previews

White Background



This preview shows how the Hex color 9BFF5E looks on a white background.

Color Contrast Check

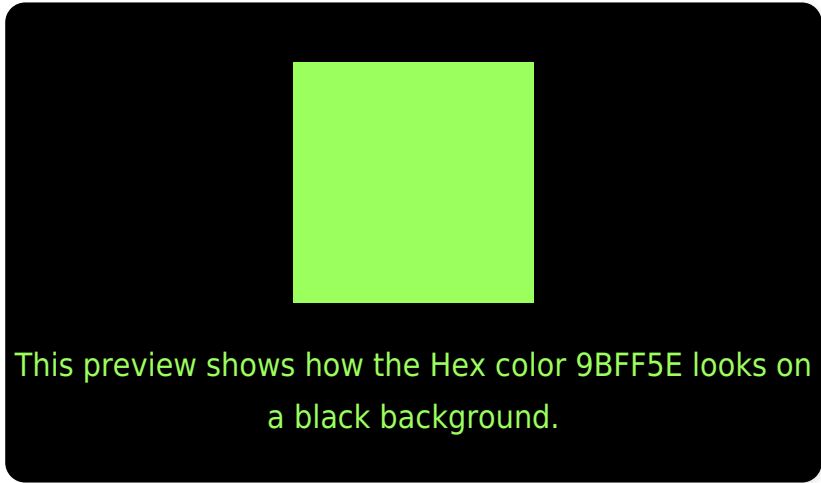
Large Text (above 18pt) WCAG AA × Fail

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 9BFF5E Background



This preview shows how black text looks on a background with the Hex color 9BFF5E.

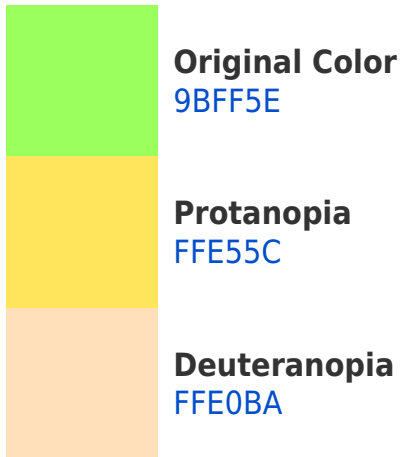


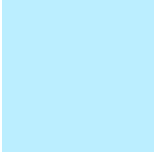
This preview shows how white text looks on a background with the Hex color 9BFF5E.

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

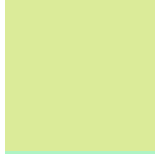
Trichromacy



Original Color
9BFF5E



Protanomaly
DBEE5D

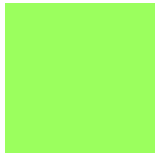


Deuteranomaly
DBEB99

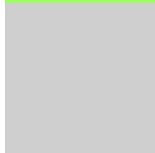


Tritanomaly
AFF4C4

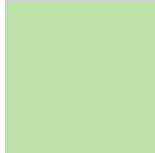
Monochromacy



Original Color
9BFF5E



Achromatopsia
CFCFCF



Achromatomaly
BCE0A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFF5E 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 #9BFF5E looks like.

```
.text, #text, p{  
    color:#9BFF5E  
}
```

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 #9BFF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFF5E
}
```

Border

The CSS property to change the border of an element to Hex 9BFF5E 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
#9BFF5E }
```

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

```
.border{ border-color:#9BFF5E }
```

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

Here you see how a box with a 4 pixel #9BFF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFF5E; -webkit-box-shadow:4px 4px  
4px 4px #9BFF5E; box-shadow:4px 4px 4px  
4px #9BFF5E }
```

Background

The CSS property to change the background color of an element to Hex 9BFF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFF5E }
```

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

```
.background{ background-color:#9BFF5E }
```

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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