

Converting Colors

Hex(9BFF76)

Have a look what the booklet for
Hex(9BFF76) contains.

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Color

Hex(9BFF76)

Conversions

Conversions Part 1

Format	Color
Hex	9BFF76
RGB	155, 255, 118
RGB Percent	61%, 100%, 46%
CMY	0.3922, 0.0000, 0.5373
CMYK	0.39, 0.00, 0.54, 0.00
HSL	104°, 100%, 73%
HSV	104°, 54%, 100%
XYZ	52.5476, 79.7966, 29.7723
YIQ	209.4820, -15.6230, -63.8070

Conversions

Conversions Part 2

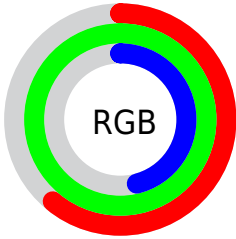
Format	Color
RYB	118, 255, 218
Decimal	10223478
CIELab	91.59, -53.40, 55.69
CIElCh	92, 77.156, 133.793
Yxy	79.7966, 0.3241, 0.4922
Android (android.graphics.Color)	4288413558 (0xFF9BFF76)
YUV	209.4820, -45.1006, -47.7807
Hunter-Lab	89.3289, -51.3233, 42.7696

Details

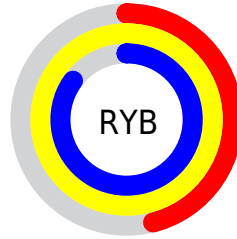
The Hex color **9BFF76** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DA76FF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D6FFAD**, and **61C640** is the 20% darker color. If you saturate the color by 10%, you get **88FF5D**, and if you desaturate by 10%, it is **AEFF90**.

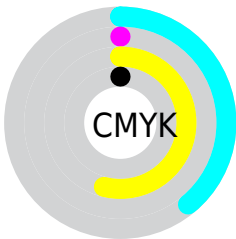
Distribution



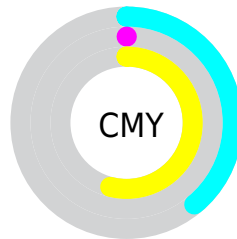
- Red (61%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BFF76 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 9BFF76 by changing the saturation by 10% instead.

 9BFF76

 9BFF76

FFFFFF

 7EE25B

 D6FFAD

 61C640

 F4FFC9

 42AA23

 FFFFE6

 1D8F00

 007400

 005B00

 004200

 002C00

 000B00

 9BFF76

 9BFF76

 88FF5D

 AEFF90

 76FF43

 C0FFA9

 63FF2A

 D3FFC3

 51FF10

 E5FFDC

 45FF00

 F8FFF6

FFFFFF

Harmonies

Analogous

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



EEEE4A



9BFF76



00FFBB

Triad

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



9BFF76



00FAFF



FFA4C8

Complementary

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



9BFF76



DA76FF

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.



FFAAFF



9BFF76



9DE3FF

Square

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



9BFF76



00FFFF



FFC5FF



FFB883

Rectangle

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



9BFF76



00FFEE



FFC5FF



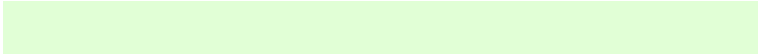
FFA3E0

Sweetspot

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



9BFF76



E1FFD6



FFD876



6E8067



000000



808080

Same Dimension

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



9BFF76



88FF5C



76FF94



768073



34BF00



114000

Inverse Universe

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



DA76FF



D35CFF



FF76E1



7C7380



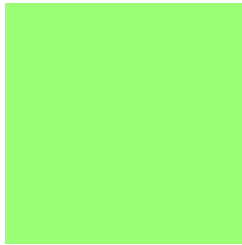
8C00BF



2F0040

Previews

White Background



This preview shows how the Hex color 9BFF76 looks on a white background.

Color Contrast Check

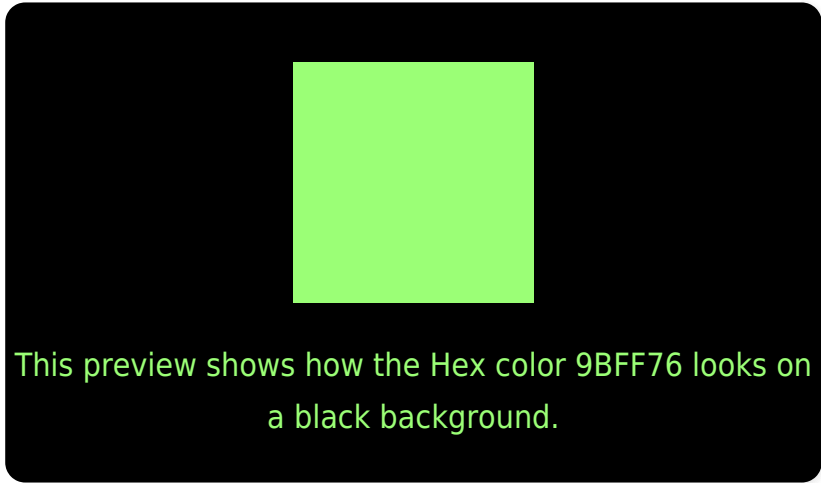
Large Text (above 18pt) WCAG AA × Fail

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

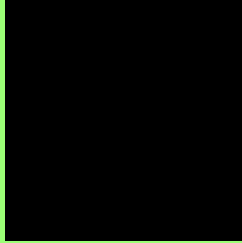
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

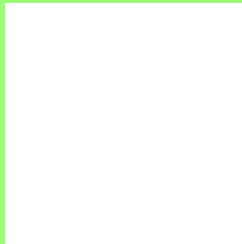
Any Text WCAG AAA ✓ Pass

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

Hex 9BFF76 Background



This preview shows how black text looks on a background with the Hex color 9BFF76.

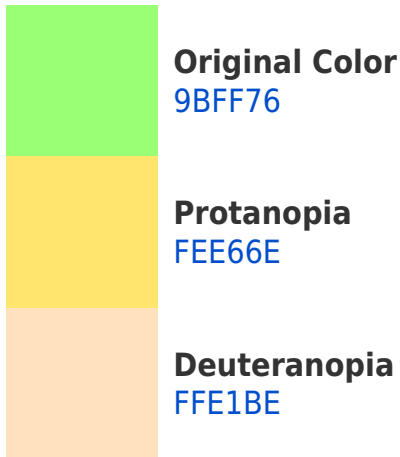


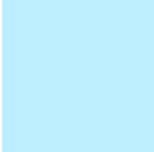
This preview shows how white text looks on a background with the Hex color 9BFF76.

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

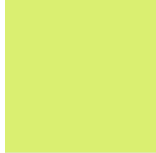




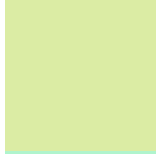
Trichromacy



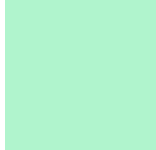
Original Color
9BFF76



Protanomaly
DAEF71

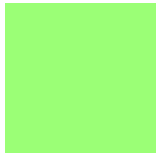


Deuteranomaly
DBECA4

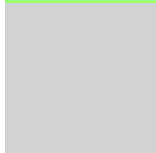


Tritanomaly
B0F4CD

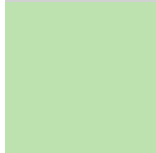
Monochromacy



Original Color
9BFF76



Achromatopsia
D1D1D1



Achromatomaly
BDE2B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BFF76 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 #9BFF76 looks like.

```
.text, #text, p{  
    color:#9BFF76  
}
```

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 #9BFF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFF76  
}
```

Border

The CSS property to change the border of an element to Hex 9BFF76 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  
#9BFF76 }
```

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

```
.border{ border-color:#9BFF76 }
```

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

Here you see how a box with a 4 pixel #9BFF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFF76; -webkit-box-shadow:4px 4px  
4px 4px #9BFF76; box-shadow:4px 4px 4px  
4px #9BFF76 }
```

Background

The CSS property to change the background color of an element to Hex 9BFF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFF76 }
```

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

```
.background{ background-color:#9BFF76 }
```

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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