

# Converting Colors

Hex(98FF66)

Have a look what the booklet for  
Hex(98FF66) contains.

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**Color**

**Hex(98FF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98FF66
RGB	152, 255, 102
RGB Percent	60%, 100%, 40%
CMY	0.4039, 0.0000, 0.6000
CMYK	0.40, 0.00, 0.60, 0.00
HSL	100°, 100%, 70%
HSV	100°, 60%, 100%
XYZ	51.1072, 79.1547, 25.1551
YIQ	206.7610, -12.2750, -69.4190

# Conversions

## Conversions Part 2

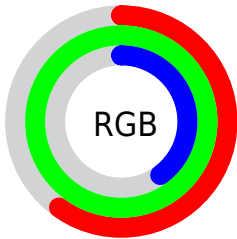
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 255, 205
Decimal	10026854
CIELab	91.30, -55.93, 62.29
CIELCh	91, 83.715, 131.924
Yxy	79.1547, 0.3288, 0.5093
Android (android.graphics.Color)	4288216934 (0xFF98FF66)
YUV	206.7610, -51.6472, -48.0254
Hunter-Lab	88.9689, -53.1584, 45.5146

# Details

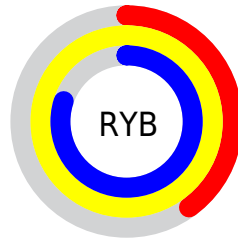
The Hex color **98FF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **CD66FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D3FF9E**, and **5DC52D** is the 20% darker color. If you saturate the color by 10%, you get **87FF4D**, and if you desaturate by 10%, it is **A9FF80**.

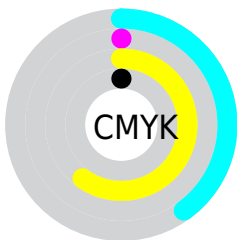
# Distribution



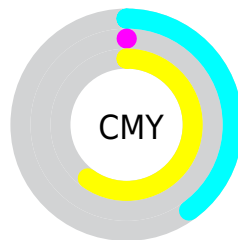
- Red (60%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98FF66 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 98FF66 by changing the saturation by 10% instead.



 98FF66

 98FF66

FFFFFF

 7BE24A

 D3FF9E

 5DC52D

 F1FFBA

 3DAA00

 FFFFD7

 118F00

 FFFFF4

 007400


 005A00

 004200

 002B00

 000900

 98FF66

 98FF66

 87FF4D

 A9FF80

 76FF33

 BAFF99

 65FF19

 CCFFB3

 53FF00

 DDFCC

 EEFFE6

FFFFFF

# Harmonies

## Analogous

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



F1EC33



98FF66



00FFB1

# Triad

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



98FF66



00FCFF



FF9AC9

# Complementary

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



98FF66



CD66FF

# 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.



FFA3FF



98FF66



80E4FF

# Square

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



98FF66



00FFFF



FFC3FF



FFB07E

# Rectangle

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



98FF66



00FFE9



FFC3FF



FF99E4

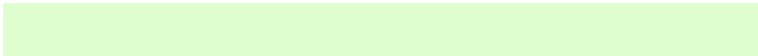


# Sweetspot

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



98FF66



E0FFD1



FFCC66



6D8063



000000



808080



# Same Dimension

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



98FF66



83FF47



66FF7F



778073



3FBF00



154000



# Inverse Universe

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



CD66FF



C347FF



FF66E5



7B7380



8100BF

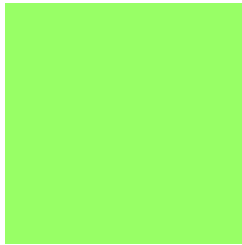


2B0040



# Previews

## White Background



This preview shows how the Hex color 98FF66 looks on a white background.

## Color Contrast Check

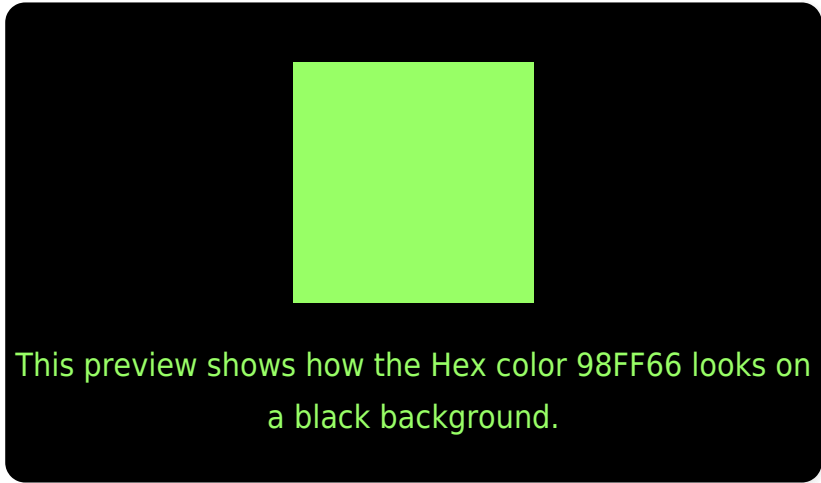
Large Text (above 18pt) WCAG AA × Fail

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

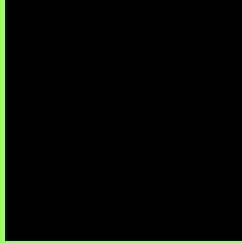
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98FF66 Background



This preview shows how black text looks on a background with the Hex color 98FF66.

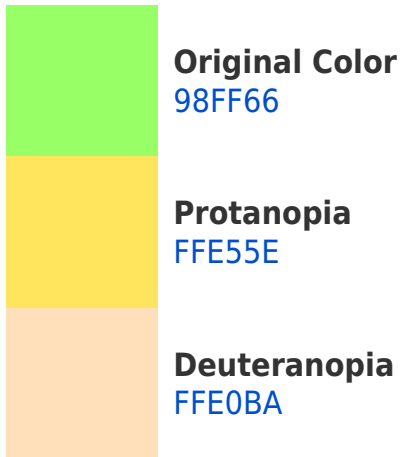


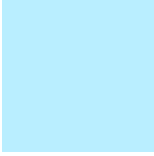
This preview shows how white text looks on a background with the Hex color 98FF66.

# 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



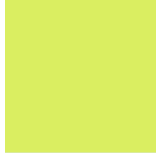


**Tritanopia**  
B9EEFF

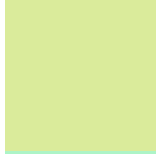
# Trichromacy



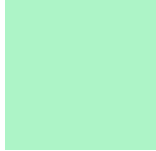
**Original Color**  
98FF66



**Protanomaly**  
DAEE61

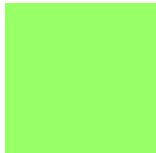


**Deuteranomaly**  
DAEB9B

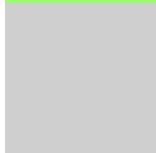


**Tritanomaly**  
ADF4C7

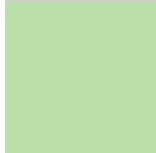
# Monochromacy



**Original Color**  
98FF66



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BBE0A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98FF66 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 #98FF66 looks like.

```
.text, #text, p{  
    color:#98FF66  
}
```

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 #98FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98FF66
}
```

## Border

The CSS property to change the border of an element to Hex 98FF66 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
#98FF66 }
```

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

```
.border{ border-color:#98FF66 }
```

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

Here you see how a box with a 4 pixel #98FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98FF66; -webkit-box-shadow:4px 4px  
4px 4px #98FF66; box-shadow:4px 4px 4px  
4px #98FF66 }
```

# Background

The CSS property to change the background color of an element to Hex 98FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98FF66 }
```

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

```
.background{ background-color:#98FF66 }
```

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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