

# Converting Colors

Hex(97FF8A)

Have a look what the booklet for  
Hex(97FF8A) contains.

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**Color**

**Hex(97FF8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97FF8A
RGB	151, 255, 138
RGB Percent	59%, 100%, 54%
CMY	0.4078, 0.0000, 0.4588
CMYK	0.41, 0.00, 0.46, 0.00
HSL	113°, 100%, 77%
HSV	113°, 46%, 100%
XYZ	53.1099, 79.9343, 36.6744
YIQ	210.5660, -24.4270, -58.4350

# Conversions

## Conversions Part 2

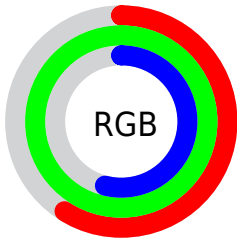
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 255, 242</a>
Decimal	<a href="#">9961354</a>
CIELab	<a href="#">91.66, -52.20, 46.46</a>
CIElCh	<a href="#">92, 69.883, 138.333</a>
Yxy	<a href="#">79.9343, 0.3129, 0.4710</a>
Android (android.graphics.Color)	<a href="#">4288151434 (0xFF97FF8A)</a>
YUV	<a href="#">210.5660, -35.7750, -52.2394</a>
Hunter-Lab	<a href="#">89.4060, -50.4259, 38.2634</a>

# Details

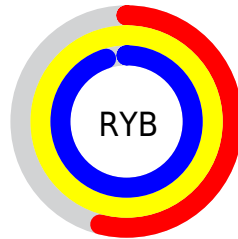
The Hex color **97FF8A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F28AFF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D1FFC1**, and **5DC555** is the 20% darker color. If you saturate the color by 10%, you get **80FF71**, and if you desaturate by 10%, it is **AEFFA3**.

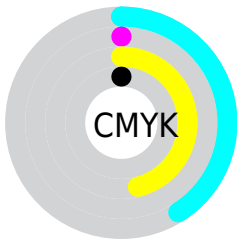
# Distribution



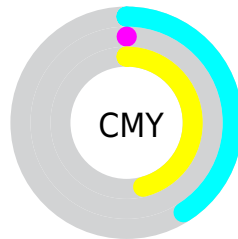
- Red (59%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97FF8A 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 97FF8A by changing the saturation by 10% instead.



 97FF8A

 97FF8A

FFFFFF

 7AE26F

 D1FFC1

 5DC555

 EFFFDD

 3FAA3C

 FFFFFB

 198F21

 007400

 005B00

 004200

 002C00

 000B00

 97FF8A

 97FF8A

 80FF71

 AEFFA3

 6AFF57

 C4FFBD

 53FF3E

 DBFFD7

 3CFF24

 F2FFF0

 26FF0B

FFFFFF

 1CFF00

# Harmonies

## Analogous

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



E5F060



97FF8A



00FFCA

# Triad

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



97FF8A



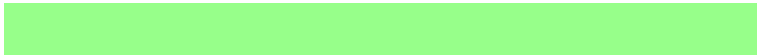
00F6FF



FFAEC1

# Complementary

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



97FF8A



F28AFF

# Split Complementary

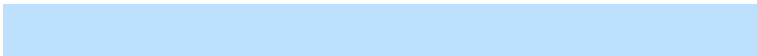
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FF



97FF8A



BEE0FF

# Square

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



97FF8A



00FFFF



FFC5FF



FFC185

# Rectangle

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



97FF8A



00FFF8



FFC5FF



FFACD7

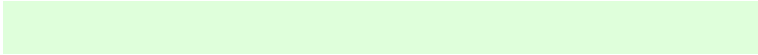


# Sweetspot

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



97FF8A



DFFFDB



FFF18A



6C806A



000000



808080



# Same Dimension

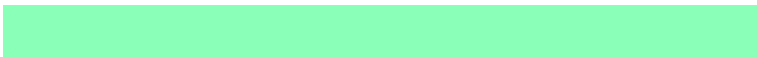
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97FF8A



82FF73



8AFFB7



748073



15BF00



074000



# Inverse Universe

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



F28AFF



EF73FF



FF8AD2



7E7380



AA00BF

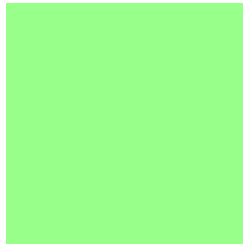


390040



# Previews

## White Background



This preview shows how the Hex color 97FF8A looks on a white background.

## Color Contrast Check

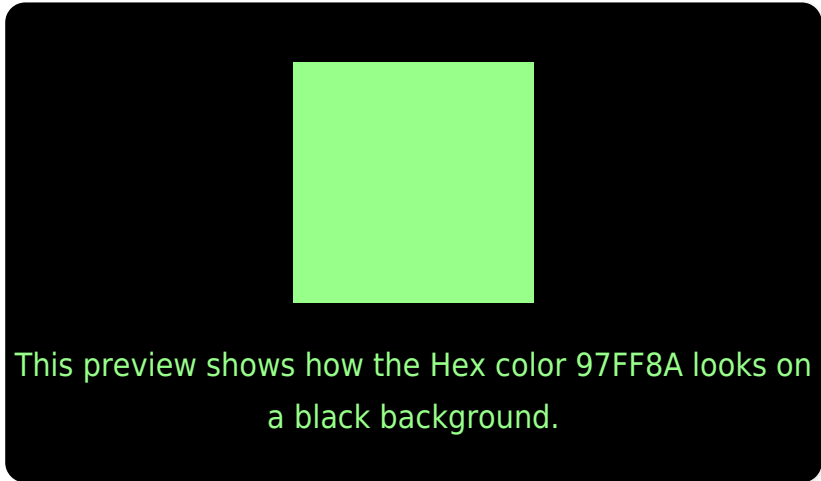
Large Text (above 18pt) WCAG AA × Fail

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

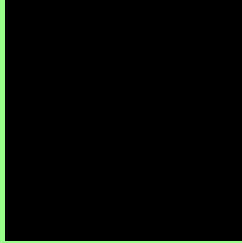
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

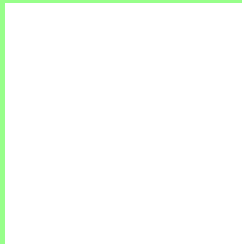
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97FF8A Background



This preview shows how black text looks on a background with the Hex color 97FF8A.

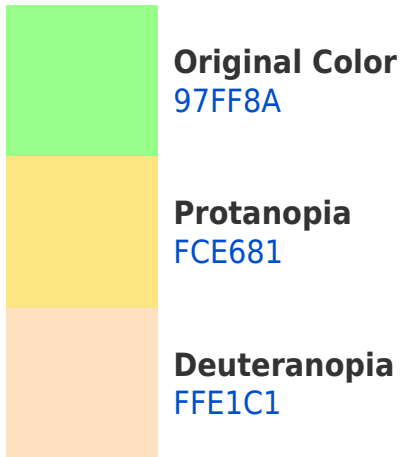


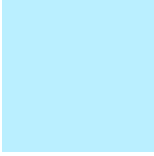
This preview shows how white text looks on a background with the Hex color 97FF8A.

# Color Blindness Simulation

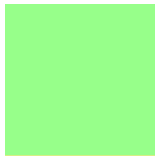
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

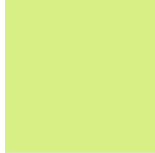




# Trichromacy



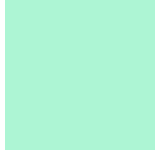
**Original Color**  
97FF8A



**Protanomaly**  
D7EF84



**Deuteranomaly**  
D9ECAD

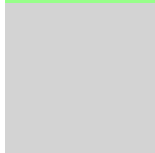


**Tritanomaly**  
ADF5D4

# Monochromacy



**Original Color**  
97FF8A



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BDE3B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97FF8A 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 #97FF8A looks like.

```
.text, #text, p{  
    color:#97FF8A  
}
```

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 #97FF8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97FF8A
}
```

## Border

The CSS property to change the border of an element to Hex 97FF8A 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
#97FF8A }
```

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

```
.border{ border-color:#97FF8A }
```

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

Here you see how a box with a 4 pixel #97FF8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97FF8A; -webkit-box-shadow:4px 4px  
4px 4px #97FF8A; box-shadow:4px 4px 4px  
4px #97FF8A }
```

# Background

The CSS property to change the background color of an element to Hex 97FF8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97FF8A }
```

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

```
.background{ background-color:#97FF8A }
```

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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