

Converting Colors

Hex(99FF7A)

Have a look what the booklet for
Hex(99FF7A) contains.

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Color

Hex(99FF7A)

Conversions

Conversions Part 1

Format	Color
Hex	99FF7A
RGB	153, 255, 122
RGB Percent	60%, 100%, 48%
CMY	0.4000, 0.0000, 0.5216
CMYK	0.40, 0.00, 0.52, 0.00
HSL	106°, 100%, 74%
HSV	106°, 52%, 100%
XYZ	52.4097, 79.6974, 31.0332
YIQ	209.3400, -18.0990, -62.9870

Conversions

Conversions Part 2

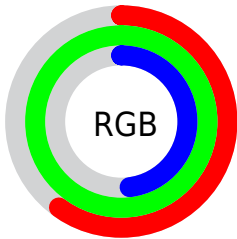
Format	Color
RYB	122, 255, 224
Decimal	10092410
CIELab	91.55, -53.56, 53.81
CIELCh	92, 75.924, 134.868
Yxy	79.6974, 0.3213, 0.4885
Android (android.graphics.Color)	4288282490 (0xFF99FF7A)
YUV	209.3400, -43.0586, -49.4102
Hunter-Lab	89.2734, -51.4366, 41.8810

Details

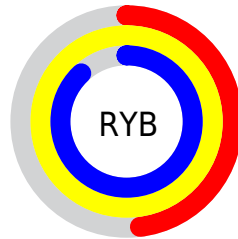
The Hex color **99FF7A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E07AFF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D4FFB1**, and **5FC544** is the 20% darker color. If you saturate the color by 10%, you get **85FF61**, and if you desaturate by 10%, it is **ADFF94**.

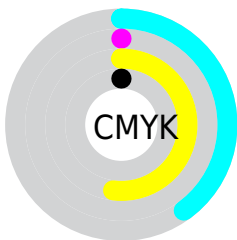
Distribution



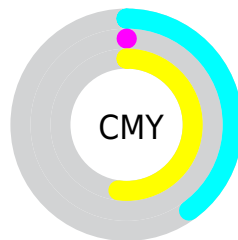
- Red (60%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99FF7A 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 99FF7A by changing the saturation by 10% instead.

 99FF7A

 99FF7A

FFFFFF

 7CE25F

 D4FFB1

 5FC544

 F2FFCD

 40AA29

 FFFFEA

 1A8F03

 007400

 005B00

 004200

 002C00

 000B00

 99FF7A

 99FF7A

 85FF61

 ADFF94

 72FF47

 C0FFAD

 5EFF2E

 D4FFC7

 4BFF14

 E7FFE0

 3BFF00

 FBFFFA

FFFFFF

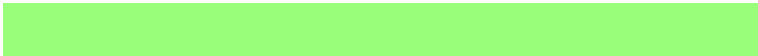
Harmonies

Analogous

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



ECEE4E



99FF7A



00FFBE

Triad

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



99FF7A



00F9FF



FFA6C5

Complementary

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



99FF7A



E07AFF

Split Complementary

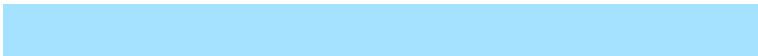
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAFF



99FF7A



A5E2FF

Square

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



99FF7A



00FFFF



FFC4FF



FFB983

Rectangle

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



99FF7A



00FFF1



FFC4FF



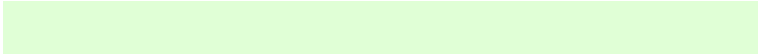
FFA4DE

Sweetspot

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



99FF7A



E0FFD6



FFE07A



6D8067



000000



808080

Same Dimension

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



99FF7A



84FF5E



7AFF9D



768073



2DBF00



0F4000

Inverse Universe

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



E07AFF



DA5EFF



FF7ADC



7D7380



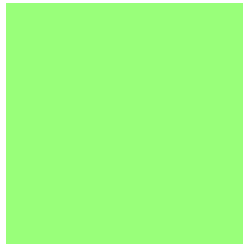
9300BF



310040

Previews

White Background



This preview shows how the Hex color 99FF7A looks on a white background.

Color Contrast Check

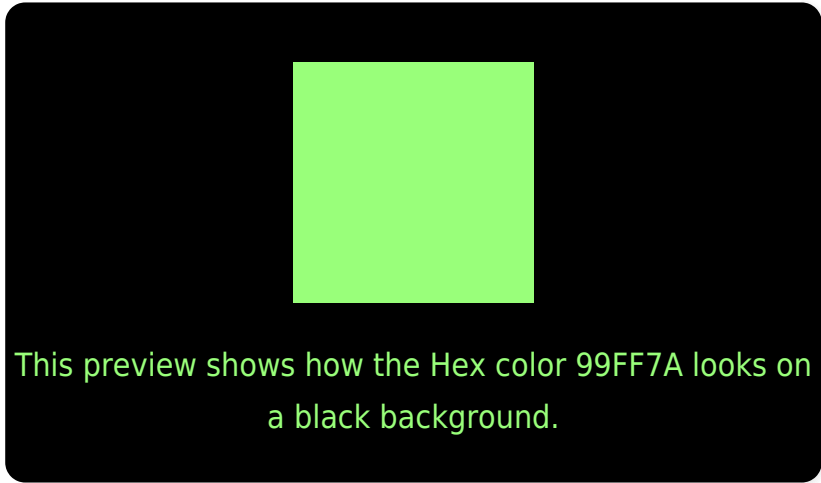
Large Text (above 18pt) WCAG AA × Fail

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

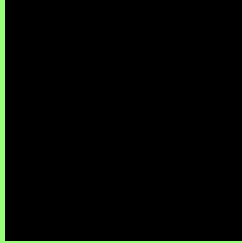
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

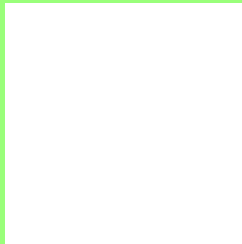
Any Text WCAG AAA ✓ Pass

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

Hex 99FF7A Background



This preview shows how black text looks on a background with the Hex color 99FF7A.

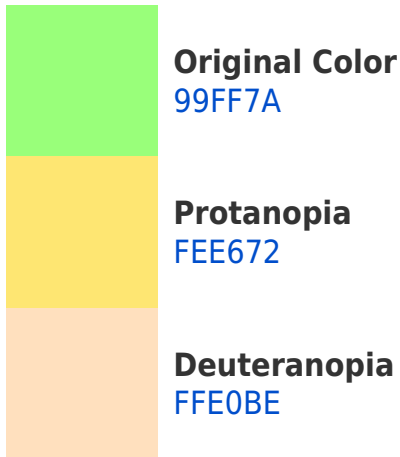


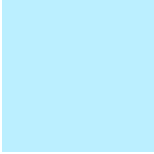
This preview shows how white text looks on a background with the Hex color 99FF7A.

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



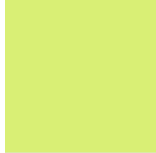


Tritanopia
BBEFFF

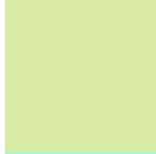
Trichromacy



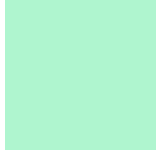
Original Color
99FF7A



Protanomaly
D9EF75

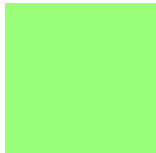


Deuteranomaly
DAEBA5

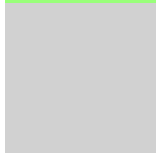


Tritanomaly
AFF5CF

Monochromacy



Original Color
99FF7A



Achromatopsia
D1D1D1



Achromatomaly
BDE2B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 99FF7A 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 #99FF7A looks like.

```
.text, #text, p{  
    color:#99FF7A  
}
```

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 #99FF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FF7A
}
```

Border

The CSS property to change the border of an element to Hex 99FF7A 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
#99FF7A }
```

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

```
.border{ border-color:#99FF7A }
```

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

Here you see how a box with a 4 pixel #99FF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FF7A; -webkit-box-shadow:4px 4px  
4px 4px #99FF7A; box-shadow:4px 4px 4px  
4px #99FF7A }
```

Background

The CSS property to change the background color of an element to Hex 99FF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FF7A }
```

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

```
.background{ background-color:#99FF7A }
```

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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