

Converting Colors

Hex(95FF7E)

Have a look what the booklet for
Hex(95FF7E) contains.

Hex(95FF7E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(95FF7E)

Conversions

Conversions Part 1

Format	Color
Hex	95FF7E
RGB	149, 255, 126
RGB Percent	58%, 100%, 49%
CMY	0.4157, 0.0000, 0.5059
CMYK	0.42, 0.00, 0.51, 0.00
HSL	109°, 100%, 75%
HSV	109°, 51%, 100%
XYZ	51.9203, 79.4159, 32.3310
YIQ	208.6000, -21.7670, -62.5910

Conversions

Conversions Part 2

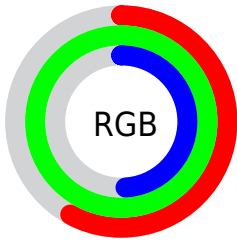
Format	Color
RYB	126, 255, 232
Decimal	9830270
CIELab	91.42, -54.30, 51.78
CIElCh	91, 75.030, 136.358
Yxy	79.4159, 0.3172, 0.4852
Android (android.graphics.Color)	4288020350 (0xFF95FF7E)
YUV	208.6000, -40.7218, -52.2692
Hunter-Lab	89.1156, -51.9551, 40.8706

Details

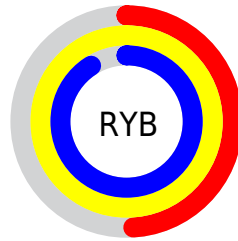
The Hex color **95FF7E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E87EFF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D0FFB5**, and **5AC549** is the 20% darker color. If you saturate the color by 10%, you get **80FF65**, and if you desaturate by 10%, it is **AFF98**.

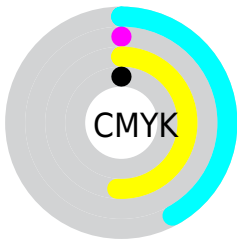
Distribution



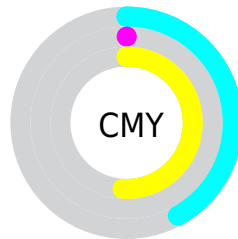
- Red (58%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95FF7E 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 95FF7E by changing the saturation by 10% instead.

 95FF7E

 95FF7E

FFFFFF

 78E263

 D0FFB5

 5AC549

 EEFFD1

 3BAA2E

 FFFFEE

 108F0D

 007400

 005A00

 004200

 002C00

 000A00

 95FF7E

 95FF7E

 80FF65

 AAFF98

 6BFF4B

 BFFF81

 56FF31

 D4FFCB

 41FF18

 E9FFE4

 2DFF00

FEFFFE

FFFFFF

Harmonies

Analogous

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



E8EF51



95FF7E



00FFC2

Triad

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



95FF7E



00F8FF



FFA7C2

Complementary

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



95FF7E



E87EFF

Split Complementary

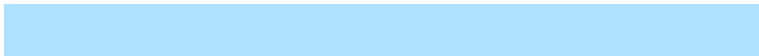
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAFF



95FF7E



AEE1FF

Square

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



95FF7E



00FFFF



FFC3FF



FFBB81

Rectangle

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



95FF7E



00FFF4



FFC3FF



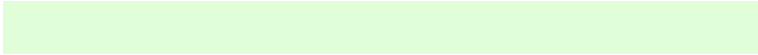
FFA5DA

Sweetspot

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



95FF7E



E0FFD9



FFE77E



6D8069



000000



808080

Same Dimension

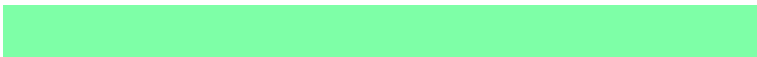
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95FF7E



7FFF63



7EFFA7



758073



22BF00



0B4000

Inverse Universe

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



E87EFF



E363FF



FF7ED6



7D7380



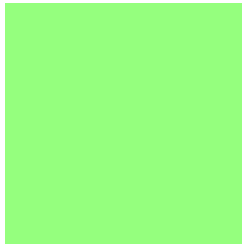
9D00BF



340040

Previews

White Background



This preview shows how the Hex color 95FF7E looks on a white background.

Color Contrast Check

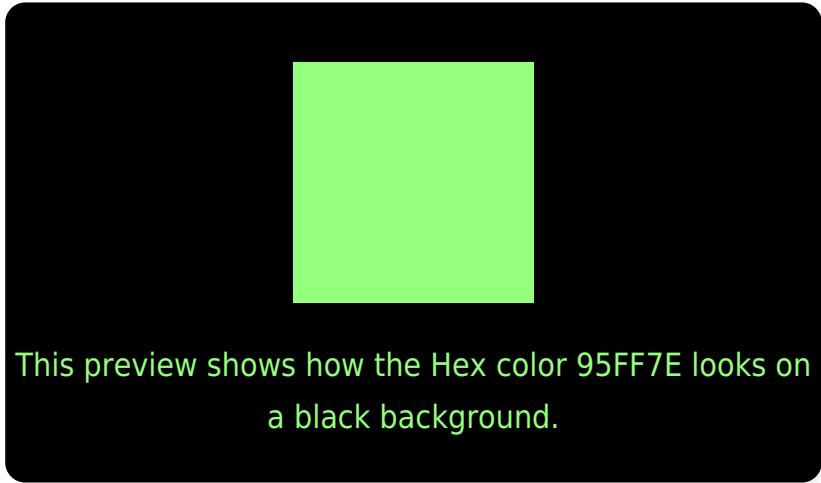
Large Text (above 18pt) WCAG AA × Fail

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

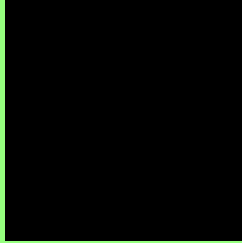
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

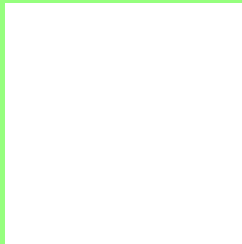
Any Text WCAG AAA ✓ Pass

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

Hex 95FF7E Background



This preview shows how black text looks on a background with the Hex color 95FF7E.

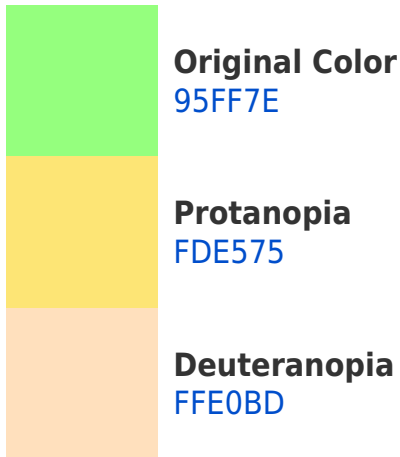


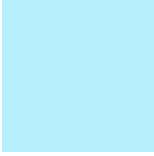
This preview shows how white text looks on a background with the Hex color 95FF7E.

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



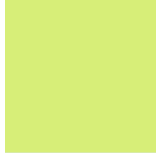


Tritanopia
B8EFFF

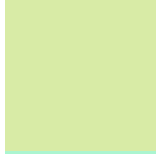
Trichromacy



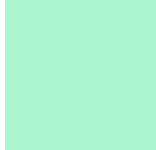
Original Color
95FF7E



Protanomaly
D7EE78

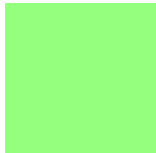


Deuteranomaly
D8EBA6

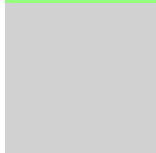


Tritanomaly
ABF5D0

Monochromacy



Original Color
95FF7E



Achromatopsia
D1D1D1



Achromatomaly
BBE2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 95FF7E 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 #95FF7E looks like.

```
.text, #text, p{  
    color:#95FF7E  
}
```

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 #95FF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95FF7E
}
```

Border

The CSS property to change the border of an element to Hex 95FF7E 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
#95FF7E }
```

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

```
.border{ border-color:#95FF7E }
```

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

Here you see how a box with a 4 pixel #95FF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95FF7E; -webkit-box-shadow:4px 4px  
4px 4px #95FF7E; box-shadow:4px 4px 4px  
4px #95FF7E }
```

Background

The CSS property to change the background color of an element to Hex 95FF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95FF7E }
```

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

```
.background{ background-color:#95FF7E }
```

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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