

Converting Colors

Hex(97FF5E)

Have a look what the booklet for
Hex(97FF5E) contains.

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Color

Hex(97FF5E)

Conversions

Conversions Part 1

Format	Color
Hex	97FF5E
RGB	151, 255, 94
RGB Percent	59%, 100%, 37%
CMY	0.4078, 0.0000, 0.6314
CMYK	0.41, 0.00, 0.63, 0.00
HSL	99°, 100%, 68%
HSV	99°, 63%, 100%
XYZ	50.5429, 78.9075, 23.1565
YIQ	205.5500, -10.3030, -72.1190

Conversions

Conversions Part 2

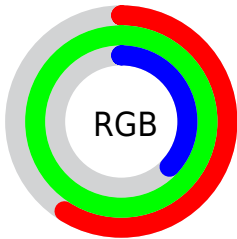
Format	Color
RYB	94, 255, 198
Decimal	9961310
CIELab	91.19, -56.95, 65.43
CIELCh	91, 86.748, 131.036
Yxy	78.9075, 0.3312, 0.5171
Android (android.graphics.Color)	4288151390 (0xFF97FF5E)
YUV	205.5500, -54.9942, -47.8404
Hunter-Lab	88.8299, -53.8884, 46.7250

Details

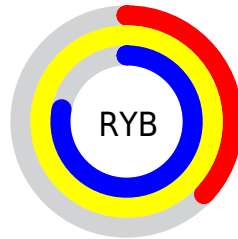
The Hex color **97FF5E** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C65EFF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D3FF96**, and **5BC521** is the 20% darker color. If you saturate the color by 10%, you get **87FF45**, and if you desaturate by 10%, it is **A7FF78**.

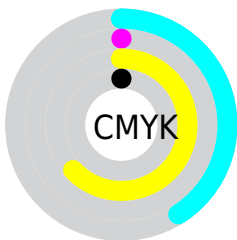
Distribution



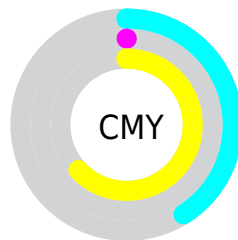
- Red (59%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97FF5E 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 97FF5E by changing the saturation by 10% instead.

 97FF5E

 97FF5E

FFFFFF

 79E241

 D3FF96

 5BC521

 F1FFB2

 3AAA00

 FFFFCF

 0A8E00

 FFFFED

 007400

 005A00

 004200

 002B00

 000800


 97FF5E

 97FF5E

 87FF45

 A7FF78

 76FF2B

 B8FF91

 66FF12

 C8FFAB

 5AFF00

 D9FFC4

 E9FFDE

 FAFFF7

FFFFFF

Harmonies

Analogous

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



F3EB25



97FF5E



00FFAC

Triad

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



97FF5E



00DFFF



FF95CA

Complementary

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



97FF5E



C65EFF

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.



FF9FFF



97FF5E



6DE5FF

Square

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



97FF5E



00FFFF



FFC2FF



FFAC7C

Rectangle

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



97FF5E



00FFE6



FFC2FF



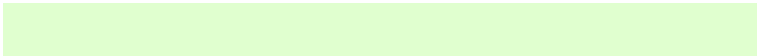
FF94E6

Sweetspot

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



97FF5E



E0FFCF



FFC45E



6D8062



000000



808080

Same Dimension

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



97FF5E



82FF3D



5EFF73



778073



44BF00



174000

Inverse Universe

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



C65EFF



BA3DFF



FF5EEA



7B7380



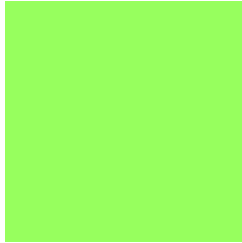
7C00BF



290040

Previews

White Background



This preview shows how the Hex color 97FF5E looks on a white background.

Color Contrast Check

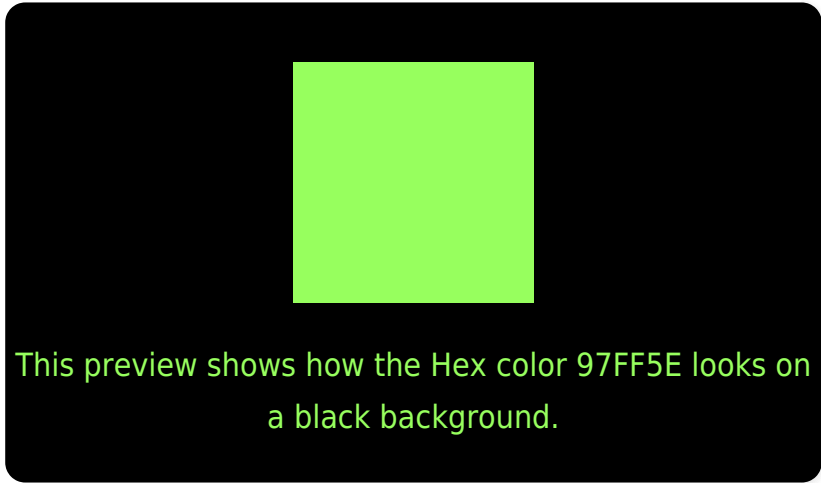
Large Text (above 18pt) WCAG AA × Fail

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

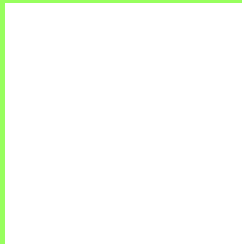
Any Text WCAG AAA ✓ Pass

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

Hex 97FF5E Background



This preview shows how black text looks on a background with the Hex color 97FF5E.

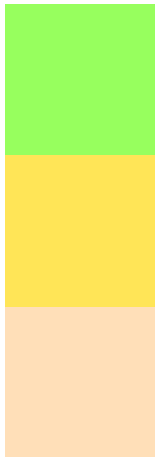


This preview shows how white text looks on a background with the Hex color 97FF5E.

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](#).

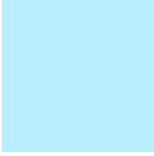
Dichromacy



Original Color
97FF5E

Protanopia
FFE557

Deuteranopia
FFDFB8



Tritanopia
B8EEFF

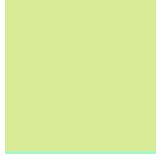
Trichromacy



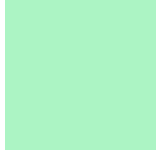
Original Color
97FF5E



Protanomaly
D9EE5A

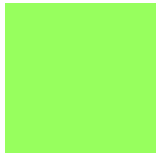


Deuteranomaly
D9EB97

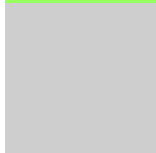


Tritanomaly
ACF4C4

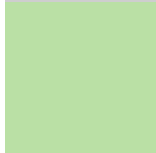
Monochromacy



Original Color
97FF5E



Achromatopsia
CECECE



Achromatomaly
BAE0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 97FF5E 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 #97FF5E looks like.

```
.text, #text, p{  
    color:#97FF5E  
}
```

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 #97FF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97FF5E
}
```

Border

The CSS property to change the border of an element to Hex 97FF5E 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
#97FF5E }
```

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

```
.border{ border-color:#97FF5E }
```

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

Here you see how a box with a 4 pixel #97FF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97FF5E; -webkit-box-shadow:4px 4px  
4px 4px #97FF5E; box-shadow:4px 4px 4px  
4px #97FF5E }
```

Background

The CSS property to change the background color of an element to Hex 97FF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97FF5E }
```

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

```
.background{ background-color:#97FF5E }
```

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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