

Converting Colors

Hex(97FF93)

Have a look what the booklet for
Hex(97FF93) contains.

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Color

Hex(97FF93)

Conversions

Conversions Part 1

Format	Color
Hex	97FF93
RGB	151, 255, 147
RGB Percent	59%, 100%, 58%
CMY	0.4078, 0.0000, 0.4235
CMYK	0.41, 0.00, 0.42, 0.00
HSL	118°, 100%, 79%
HSV	118°, 42%, 100%
XYZ	53.7890, 80.2059, 40.2501
YIQ	211.5920, -27.3160, -55.6360

Conversions

Conversions Part 2

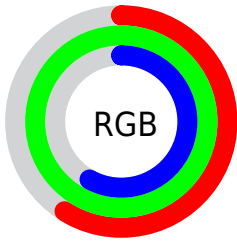
Format	Color
RYB	147, 255, 251
Decimal	9961363
CIELab	91.78, -50.98, 42.29
CIELCh	92, 66.235, 140.327
Yxy	80.2059, 0.3087, 0.4603
Android (android.graphics.Color)	4288151443 (0xFF97FF93)
YUV	211.5920, -31.8439, -53.1392
Hunter-Lab	89.5577, -49.5178, 36.0436

Details

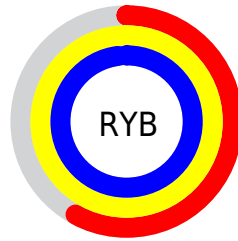
The Hex color **97FF93** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FB93FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D1FFCA**, and **5DC65E** is the 20% darker color. If you saturate the color by 10%, you get **7EFF7A**, and if you desaturate by 10%, it is **B0FFAC**.

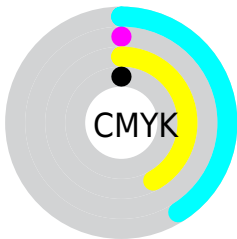
Distribution



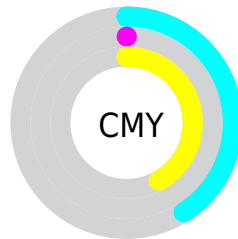
- Red (59%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97FF93 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 97FF93 by changing the saturation by 10% instead.

 97FF93

 97FF93

FFFFFF

 7AE278

 D1FFCA

 5DC65E

 EFFF7

 3FAA45

 1B8F2C

 007410

 005B00

 004200

 002D00

 000C00

 97FF93

 97FF93

 7EFF7A

 B0FFAC

 66FF60

 C8FFC6

 4DFF46


 E1FFE0

 35FF2D

 F9FFF9

 1CFF13

FFFFFF

 09FF00

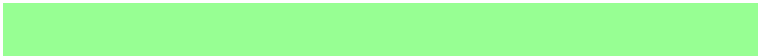
Harmonies

Analogous

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



E2F16A



97FF93



00FFD0

Triad

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



97FF93



00F4FF



FFB3BF

Complementary

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



97FF93



FB93FF

Split Complementary

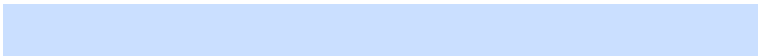
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3FF



97FF93



CADFFF

Square

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



97FF93



00FFFF



FFC6FF



FFC587

Rectangle

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



97FF93



00FFFC



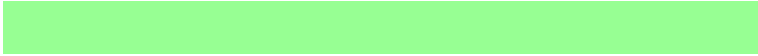
FFC6FF



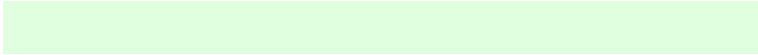
FFB1D4

Sweetspot

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



97FF93



DFFFDE



FFFA93



6C806B



000000



808080

Same Dimension

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



97FF93



82FF7D



93FFC4



738073



07BF00



024000

Inverse Universe

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



FB93FF



FA7DFF



FF93CE



7F7380



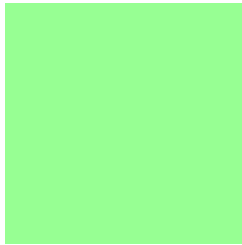
B800BF



3D0040

Previews

White Background



This preview shows how the Hex color 97FF93 looks on a white background.

Color Contrast Check

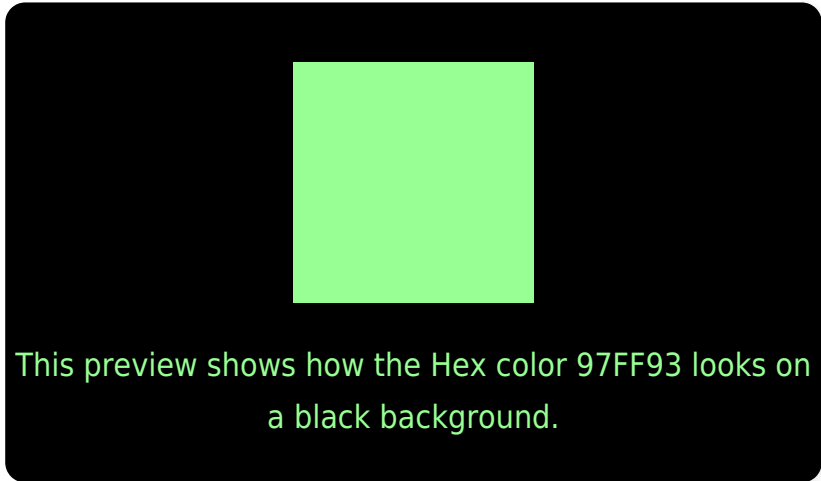
Large Text (above 18pt) WCAG AA × Fail

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

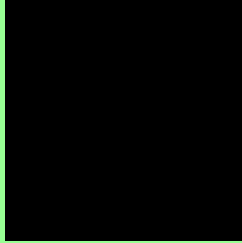
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

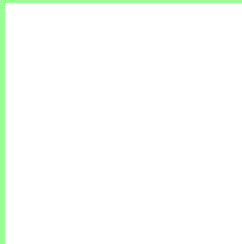
Any Text WCAG AAA ✓ Pass

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

Hex 97FF93 Background



This preview shows how black text looks on a background with the Hex color 97FF93.

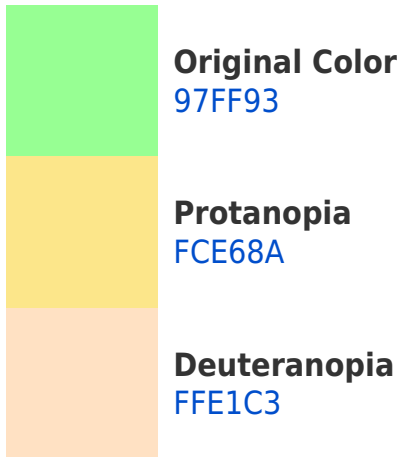


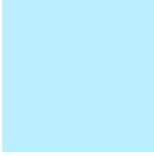
This preview shows how white text looks on a background with the Hex color 97FF93.

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



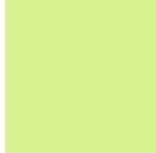


Tritanopia
BBEFFF

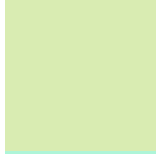
Trichromacy



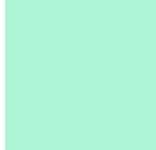
Original Color
97FF93



Protanomaly
D7EF8D

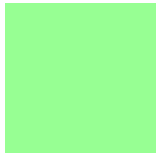


Deuteranomaly
D9ECB2

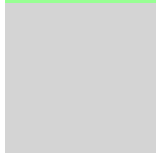


Tritanomaly
AEF5D8

Monochromacy



Original Color
97FF93



Achromatopsia
D4D4D4



Achromatomaly
BEE4BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 97FF93 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 #97FF93 looks like.

```
.text, #text, p{  
    color:#97FF93  
}
```

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 #97FF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97FF93
}
```

Border

The CSS property to change the border of an element to Hex 97FF93 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
#97FF93 }
```

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

```
.border{ border-color:#97FF93 }
```

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

Here you see how a box with a 4 pixel #97FF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97FF93; -webkit-box-shadow:4px 4px  
4px 4px #97FF93; box-shadow:4px 4px 4px  
4px #97FF93 }
```

Background

The CSS property to change the background color of an element to Hex 97FF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97FF93 }
```

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

```
.background{ background-color:#97FF93 }
```

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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