

Converting Colors

Hex(97FF44)

Have a look what the booklet for
Hex(97FF44) contains.

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Color

Hex(97FF44)

Conversions

Conversions Part 1

Format	Color
Hex	97FF44
RGB	151, 255, 68
RGB Percent	59%, 100%, 27%
CMY	0.4078, 0.0000, 0.7333
CMYK	0.41, 0.00, 0.73, 0.00
HSL	93°, 100%, 63%
HSV	93°, 73%, 100%
XYZ	49.5659, 78.5167, 18.0117
YIQ	202.5860, -1.9570, -80.2050

Conversions

Conversions Part 2

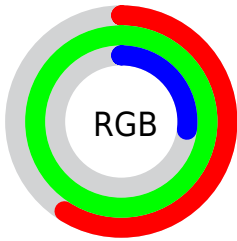
Format	Color
RYB	68, 255, 172
Decimal	9961284
CIELab	91.02, -58.82, 74.72
CIElCh	91, 95.091, 128.209
Yxy	78.5167, 0.3393, 0.5374
Android (android.graphics.Color)	4288151364 (0xFF97FF44)
YUV	202.5860, -66.3509, -45.2409
Hunter-Lab	88.6096, -55.2187, 49.9749

Details

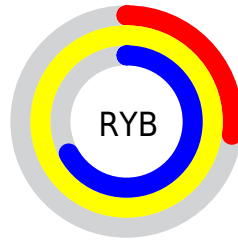
The Hex color **97FF44** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **AC44FF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D3FF7F**, and **5AC500** is the 20% darker color. If you saturate the color by 10%, you get **89FF2A**, and if you desaturate by 10%, it is **A5FF5D**.

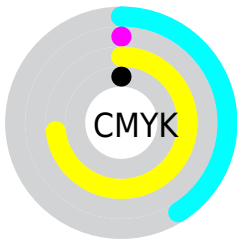
Distribution



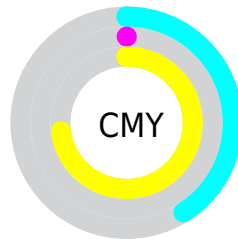
- Red (59%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (67%)



- Cyan (41%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97FF44 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 97FF44 by changing the saturation by 10% instead.

 97FF44

 97FF44

FFFFFF

 79E220

 D3FF7F

 5AC500

 F2FF9C

 38AA00

 FFFFB9

 008E00

 FFFFD7

 007400

 FFFFF4

 005A00

 004100

 002B00

 000700

 97FF44

 97FF44

 89FF2A

 A5FF5D

 7BFF11

 B3FF77

 71FF00

 C2FF91

 D0FFAA

 DEFFC3

 ECFFDD

 FAFFF6

FFFFFF

Harmonies

Analogous

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



FAE900



97FF44



00FF9E

Triad

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



97FF44



00FFFF



FF86D0

Complementary

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



97FF44



AC44FF

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.



FF97FF



97FF44



00E8FF

Square

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



97FF44



00FFFF



FFC1FF



FFA079

Rectangle

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



97FF44



00FFDD



FFC1FF



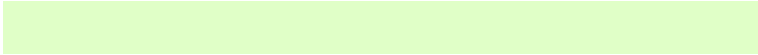
FF87EF

Sweetspot

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



97FF44



E0FFC7



FFAB44



6D805E



000000



808080

Same Dimension

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



97FF44



82FF1F



44FF4D



788073



55BF00



1C4000

Inverse Universe

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



AC44FF



9B1FFF



FF44F6



7A7380



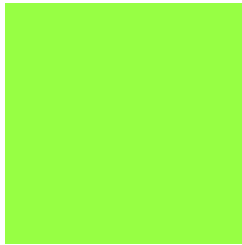
6A00BF



230040

Previews

White Background



This preview shows how the Hex color 97FF44 looks on a white background.

Color Contrast Check

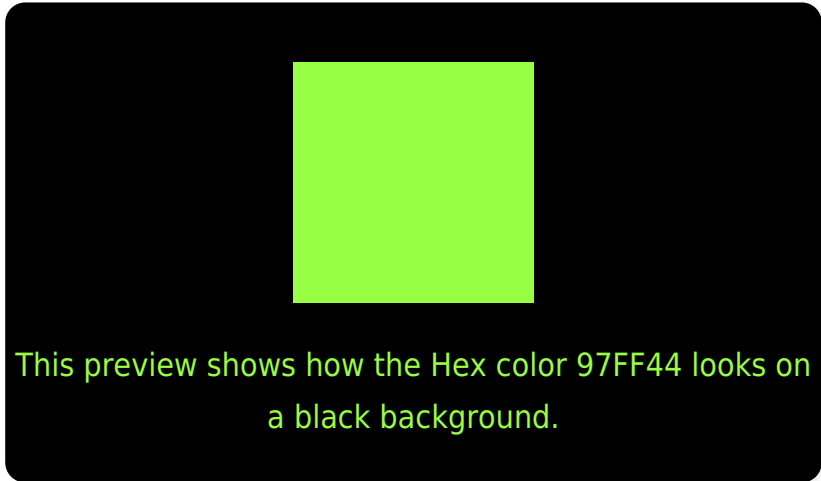
Large Text (above 18pt) WCAG AA × Fail

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

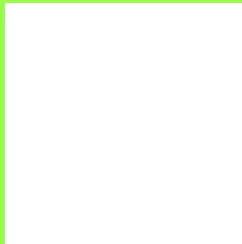
Any Text WCAG AAA ✓ Pass

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

Hex 97FF44 Background



This preview shows how black text looks on a background with the Hex color 97FF44.

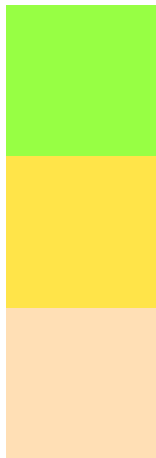


This preview shows how white text looks on a background with the Hex color 97FF44.

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](#).

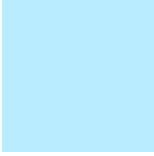
Dichromacy



Original Color
97FF44

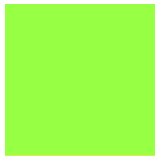
Protanopia
FFE449

Deuteranopia
FFDFB5



Tritanopia
B7EDFF

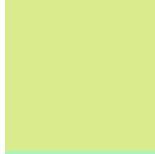
Trichromacy



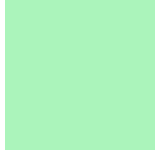
Original Color
97FF44



Protanomaly
D9EE47

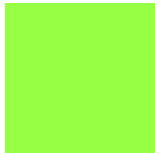


Deuteranomaly
D9EB8C

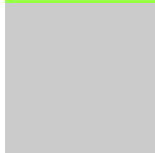


Tritanomaly
ABF4BB

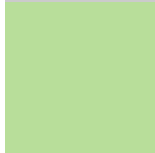
Monochromacy



Original Color
97FF44



Achromatopsia
CBCBCB



Achromatomaly
B8DE9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 97FF44 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 #97FF44 looks like.

```
.text, #text, p{  
    color:#97FF44  
}
```

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 #97FF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97FF44
}
```

Border

The CSS property to change the border of an element to Hex 97FF44 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
#97FF44 }
```

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

```
.border{ border-color:#97FF44 }
```

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

Here you see how a box with a 4 pixel #97FF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97FF44; -webkit-box-shadow:4px 4px  
4px 4px #97FF44; box-shadow:4px 4px 4px  
4px #97FF44 }
```

Background

The CSS property to change the background color of an element to Hex 97FF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97FF44 }
```

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

```
.background{ background-color:#97FF44 }
```

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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