

Converting Colors

Hex(97F700)

Have a look what the booklet for
Hex(97F700) contains.

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Color

Hex(97F700)

Conversions

Conversions Part 1

Format	Color
Hex	97F700
RGB	151, 247, 0
RGB Percent	59%, 97%, 0%
CMY	0.4078, 0.0314, 1.0000
CMYK	0.39, 0.00, 1.00, 0.03
HSL	83°, 100%, 48%
HSV	83°, 100%, 97%
XYZ	46.0233, 73.1008, 11.6842
YIQ	190.1380, 22.0710, -97.1690

Conversions

Conversions Part 2

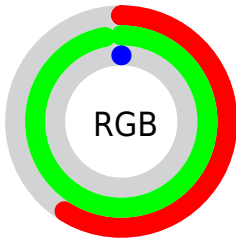
Format	Color
RYB	0, 247, 96
Decimal	9959168
CIELab	88.50, -57.78, 85.12
CIELCh	88, 102.884, 124.169
Yxy	73.1008, 0.3518, 0.5588
Android (android.graphics.Color)	4288149248 (0xFF97F700)
YUV	190.1380, -93.7380, -34.3240
Hunter-Lab	85.4990, -53.5386, 51.7468

Details

The Hex color **97F700** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **6000F7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D4FF5C**, and **59BE00** is the 20% darker color. If you saturate the color by 10%, you get **97F700**, and if you desaturate by 10%, it is **A1F719**.

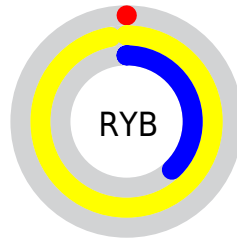
Distribution



Red (59%)

Green (97%)

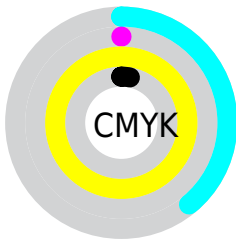
Blue (0%)



Red (0%)

Yellow (97%)

Blue (38%)

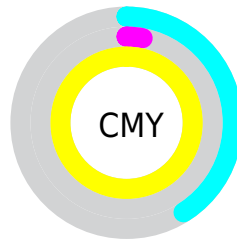


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (41%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97F700 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 97F700 by changing the saturation by 10% instead.

 97F700

 97F700

FFFFFF

 78DA00

 D4FF5C

 59BE00

 F3FF7B

 36A200

 FFFF99

 008700

 FFFFB6

 006D00

 FFFFD4

 005400

 FFFFF2

 003B00

 002400

 000000

 97F700

 A1F719

 AAF731

 B4F74A

 BDF763

 C7F77C

 D1F794

 DAF7AD

 E4F7C6

 EDF7DE

Harmonies

Analogous

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



FDDE00



97F700



00FF83

Triad

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



97F700



00FEFF



FF6DD5

Complementary

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



97F700



6000F7

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.



FF8AFF



97F700



00E6FF

Square

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



97F700



00FFFF



EDBDFF



FF8976

Rectangle

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



97F700



00FFC7



E8BDFE



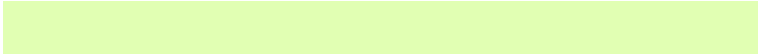
FF71F6

Sweetspot

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



97F700



E1FFB3



F75F00



6E8052



000000



808080

Same Dimension

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



97F700



9CFF00



1DF700



767A6E



72BA00



243B00

Inverse Universe

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



6000F7



6300FF



DA00F7



736E7A



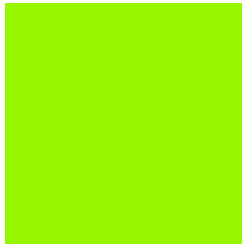
4800BA



17003B

Previews

White Background



This preview shows how the Hex color 97F700 looks on a white background.

Color Contrast Check

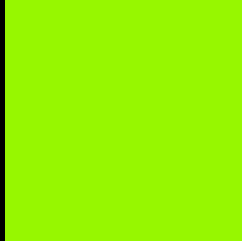
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 97F700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

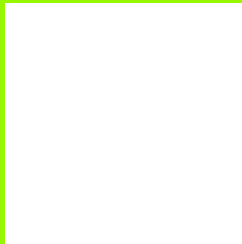
Any Text WCAG AAA ✓ Pass

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

Hex 97F700 Background



This preview shows how black text looks on a background with the Hex color 97F700.



This preview shows how white text looks on a background with the Hex color 97F700.

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](#).

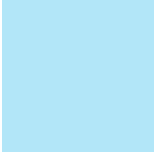
Dichromacy



Original Color
97F700

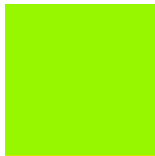
Protanopia
F9DD00

Deuteranopia
FFD79B



Tritanopia
B2E6F8

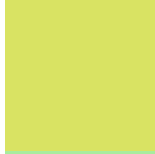
Trichromacy



Original Color
97F700



Protanomaly
D5E600



Deuteranomaly
D9E363

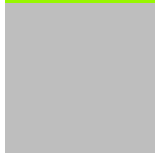


Tritanomaly
A8EC9E

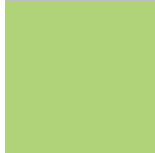
Monochromacy



Original Color
97F700



Achromatopsia
BEBEBE



Achromatomaly
B0D379

CSS Examples

Text

The CSS property to change the color of the text to Hex 97F700 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 #97F700 looks like.

```
.text, #text, p{  
    color:#97F700  
}
```

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 #97F700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97F700
}
```

Border

The CSS property to change the border of an element to Hex 97F700 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
#97F700 }
```

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

```
.border{ border-color:#97F700 }
```

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

Here you see how a box with a 4 pixel #97F700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97F700; -webkit-box-shadow:4px 4px  
4px 4px #97F700; box-shadow:4px 4px 4px  
4px #97F700 }
```

Background

The CSS property to change the background color of an element to Hex 97F700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97F700 }
```

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

```
.background{ background-color:#97F700 }
```

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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