

# Converting Colors

Hex(97EF42)

Have a look what the booklet for  
Hex(97EF42) contains.

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**Color**

**Hex(97EF42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97EF42
RGB	151, 239, 66
RGB Percent	59%, 94%, 26%
CMY	0.4078, 0.0627, 0.7412
CMYK	0.37, 0.00, 0.72, 0.06
HSL	91°, 84%, 60%
HSV	91°, 72%, 94%
XYZ	44.6124, 68.7057, 16.0645
YIQ	192.9660, 3.0850, -72.4590

# Conversions

## Conversions Part 2

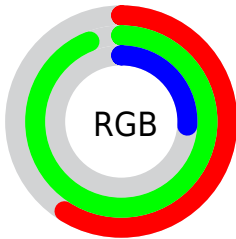
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 239, 154
Decimal	9957186
CIELab	86.36, -52.62, 70.80
CIElCh	86, 88.213, 126.623
Yxy	68.7057, 0.3448, 0.5310
Android (android.graphics.Color)	4288147266 (0xFF97EF42)
YUV	192.9660, -62.5942, -36.8042
Hunter-Lab	82.8889, -48.9834, 46.5314

# Details

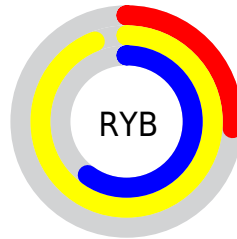
The Hex color **97EF42** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **9A42EF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D2FF7C**, and **5CB600** is the 20% darker color. If you saturate the color by 10%, you get **8BEF2A**, and if you desaturate by 10%, it is **A3EF5A**.

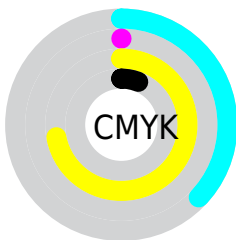
# Distribution



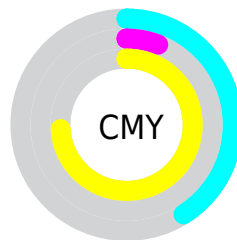
- Red (59%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (41%)
- Magenta (6%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97EF42 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 97EF42 by changing the saturation by 10% instead.



 97EF42

 97EF42

FFFFFF

 7AD21F

 D2FF7C

 5CB600

 F0FF99

 3C9B00

 FFFFB5

 148000

 FFFF D2

 006700

 FFFFF0

 004D00

 003600

 001E00

 000000

 97EF42

 97EF42

 8BEF2A

 A3EF5A

 7FEF12

 AFEF72

 75EF00

 BBEF8A

 C8EFA2

 D4EFB9

 E0EFD1

 ECEFE9

 F8EFFF

 FFEFFF

# Harmonies

## Analogous

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



F0DA00



97EF42



00FB92

# Triad

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



97EF42



00F2FF



FF83C9

# Complementary

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



97EF42



9A42EF

# 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.



FF93FF



97EF42



00DCFF

# Square

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



97EF42



00DFF



F2B9FF



FF9779

# Rectangle

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



97EF42



00FECC



F2B9FF



FF84E5

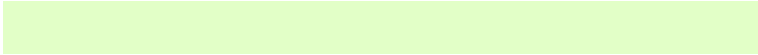


# Sweetspot

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



97EF42



E2FFC7



EF9842



6F805E



000000



808080



# Same Dimension

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



97EF42



8EFF21



42EF42



72786C



5AB800



1C3800



# Inverse Universe

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



9A42EF



9221FF



EF42EF



726C78



5D00B8



1D0038



# Previews

## White Background



This preview shows how the Hex color 97EF42 looks on a white background.

## Color Contrast Check

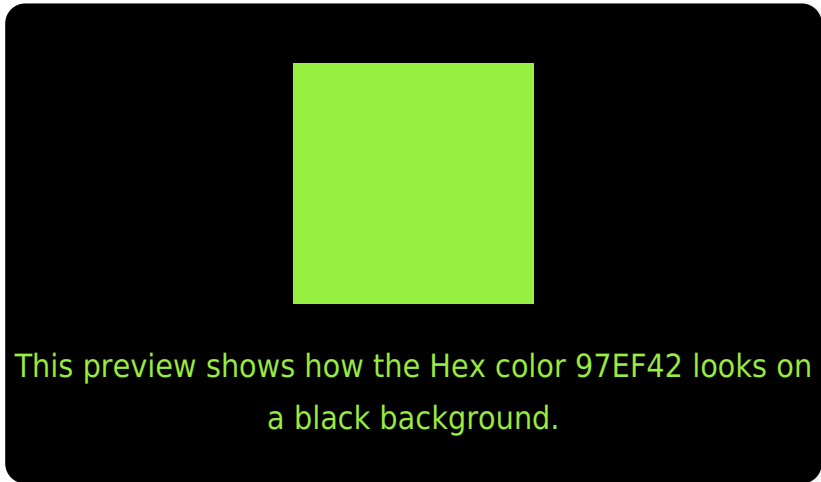
Large Text (above 18pt) WCAG AA × Fail

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 97EF42 Background



This preview shows how black text looks on a background with the Hex color 97EF42.

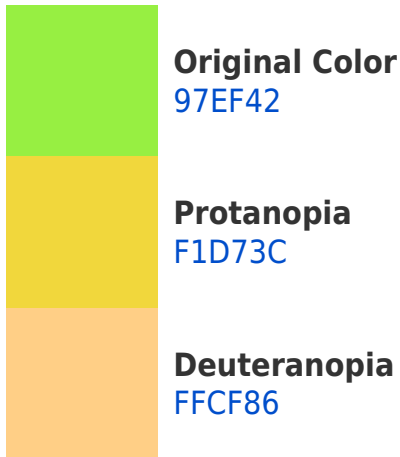


This preview shows how white text looks on a background with the Hex color 97EF42.

# 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



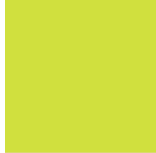


**Tritanopia**  
AFDFF1

# Trichromacy



**Original Color**  
97EF42



**Protanomaly**  
D0E03E



**Deuteranomaly**  
D9DB6D

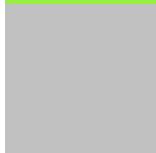


**Tritanomaly**  
A6E5B1

# Monochromacy



**Original Color**  
97EF42



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
B2D293

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97EF42 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 #97EF42 looks like.

```
.text, #text, p{  
    color:#97EF42  
}
```

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 #97EF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97EF42
}
```

## Border

The CSS property to change the border of an element to Hex 97EF42 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
#97EF42 }
```

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

```
.border{ border-color:#97EF42 }
```

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

Here you see how a box with a 4 pixel #97EF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97EF42; -webkit-box-shadow:4px 4px  
4px 4px #97EF42; box-shadow:4px 4px 4px  
4px #97EF42 }
```

# Background

The CSS property to change the background color of an element to Hex 97EF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97EF42 }
```

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

```
.background{ background-color:#97EF42 }
```

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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