

Converting Colors

Hex(97EF58)

Have a look what the booklet for
Hex(97EF58) contains.

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Color

Hex(97EF58)

Conversions

Conversions Part 1

Format	Color
Hex	97EF58
RGB	151, 239, 88
RGB Percent	59%, 94%, 35%
CMY	0.4078, 0.0627, 0.6549
CMYK	0.37, 0.00, 0.63, 0.06
HSL	95°, 83%, 64%
HSV	95°, 63%, 94%
XYZ	45.3905, 69.0169, 20.1618
YIQ	195.4740, -3.9770, -65.6170

Conversions

Conversions Part 2

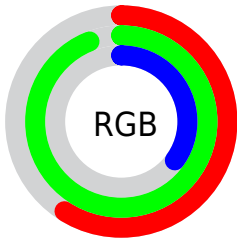
Format	Color
RYB	88, 239, 176
Decimal	9957208
CIELab	86.51, -51.04, 62.75
CIELCh	87, 80.888, 129.125
Yxy	69.0169, 0.3373, 0.5129
Android (android.graphics.Color)	4288147288 (0xFF97EF58)
YUV	195.4740, -52.9847, -39.0037
Hunter-Lab	83.0764, -47.8567, 43.7644

Details

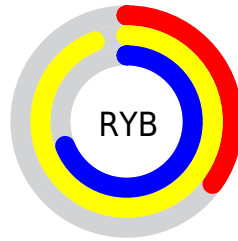
The Hex color **97EF58** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B058EF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D2FF8F**, and **5DB61B** is the 20% darker color. If you saturate the color by 10%, you get **89EF40**, and if you desaturate by 10%, it is **A5EF70**.

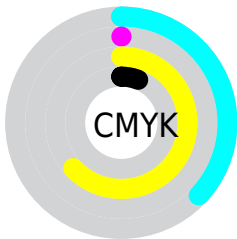
Distribution



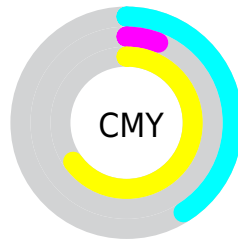
- Red (59%)
- Green (94%)
- Blue (35%)



- Red (35%)
- Yellow (94%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (63%)
- Black (6%)



- Cyan (41%)
- Magenta (6%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97EF58 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 97EF58 by changing the saturation by 10% instead.

 97EF58

 97EF58

FFFFFF

 7AD23C

 D2FF8F

 5DB61B

 EFFFAC

 3E9B00

 FFFFC8

 198000

 FFFF E5

 006700

 004E00

 003600

 001F00

 000000

 97EF58

 97EF58

 89EF40

 A5EF70

 7BEF28

 B3EF88

 6DEF10

 C1EFA0

 64EF00

 CFEFB8

 DDEFCE

 EBEFE7

 F8EFFF

 FFEFFF

Harmonies

Analogous

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



EADC2A



97EF58



00F99F

Triad

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



97EF58



00EFFF



FF8FC4

Complementary

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



97EF58



B058EF

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.



FF9AFF



97EF58



5DDAFF

Square

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



97EF58



00FAFF



FABAFF



FFA27B

Rectangle

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



97EF58



00FDD4



FABAFF



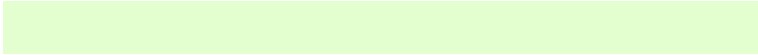
FF8FDE

Sweetspot

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



97EF58



E3FFCF



EFAE58



6E8062



000000



808080

Same Dimension

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



97EF58



8EFF3D



58EF62



71786C



4DB800



173800

Inverse Universe

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



B058EF



AE3DFF



EF58E5



736C78



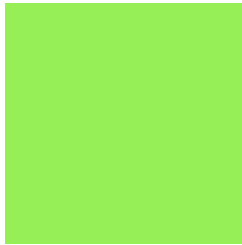
6B00B8



210038

Previews

White Background



This preview shows how the Hex color 97EF58 looks on a white background.

Color Contrast Check

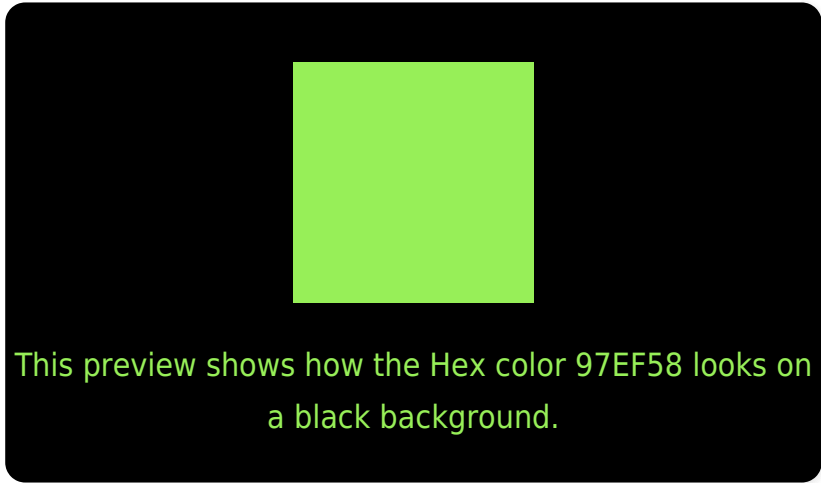
Large Text (above 18pt) WCAG AA × Fail

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 97EF58 Background



This preview shows how black text looks on a background with the Hex color 97EF58.

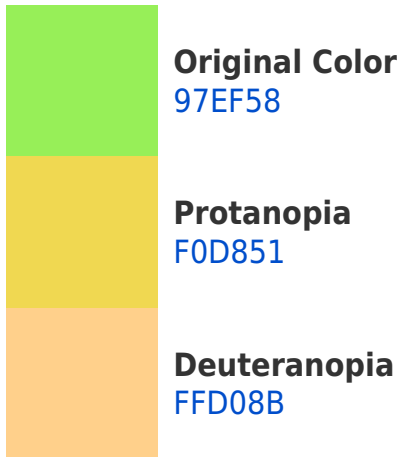


This preview shows how white text looks on a background with the Hex color 97EF58.

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](#).

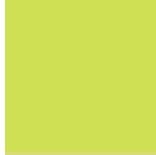
Dichromacy



Trichromacy



Original Color
97EF58



Protanomaly
D0E054



Deuteranomaly
D9DB78

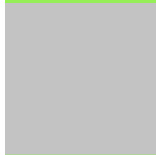


Tritanomaly
A6E5BA

Monochromacy



Original Color
97EF58



Achromatopsia
C3C3C3



Achromatomaly
B3D39C

CSS Examples

Text

The CSS property to change the color of the text to Hex 97EF58 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 #97EF58 looks like.

```
.text, #text, p{  
    color:#97EF58  
}
```

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 #97EF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97EF58
}
```

Border

The CSS property to change the border of an element to Hex 97EF58 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
#97EF58 }
```

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

```
.border{ border-color:#97EF58 }
```

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

Here you see how a box with a 4 pixel #97EF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97EF58; -webkit-box-shadow:4px 4px  
4px 4px #97EF58; box-shadow:4px 4px 4px  
4px #97EF58 }
```

Background

The CSS property to change the background color of an element to Hex 97EF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97EF58 }
```

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

```
.background{ background-color:#97EF58 }
```

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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