

Converting Colors

Hex(99FB37)

Have a look what the booklet for
Hex(99FB37) contains.

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Color

Hex(99FB37)

Conversions

Conversions Part 1

Format	Color
Hex	99FB37
RGB	153, 251, 55
RGB Percent	60%, 98%, 22%
CMY	0.4000, 0.0157, 0.7843
CMYK	0.39, 0.00, 0.78, 0.02
HSL	90°, 96%, 60%
HSV	90°, 78%, 98%
XYZ	48.3236, 76.0425, 15.7452
YIQ	199.3540, 4.5080, -81.7320

Conversions

Conversions Part 2

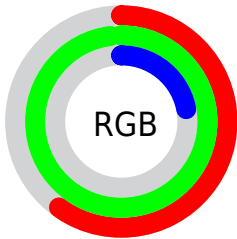
Format	Color
RYB	55, 251, 153
Decimal	10091319
CIELab	89.88, -57.31, 77.57
CIElCh	90, 96.447, 126.456
Yxy	76.0425, 0.3449, 0.5427
Android (android.graphics.Color)	4288281399 (0xFF99FB37)
YUV	199.3540, -71.1665, -40.6525
Hunter-Lab	87.2024, -53.6874, 50.3363

Details

The Hex color **99FB37** 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 **9937FB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D5FF75**, and **5CC200** is the 20% darker color. If you saturate the color by 10%, you get **8CFB1E**, and if you desaturate by 10%, it is **A6FB50**.

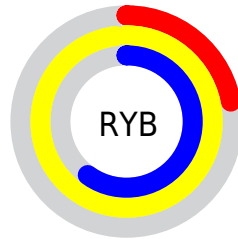
Distribution



Red (60%)

Green (98%)

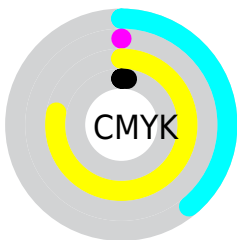
Blue (22%)



Red (22%)

Yellow (98%)

Blue (60%)

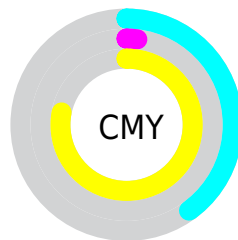


Cyan (39%)

Magenta (0%)

Yellow (78%)

Black (2%)



Cyan (40%)

Magenta (2%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99FB37 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 99FB37 by changing the saturation by 10% instead.

 99FB37

FFFFFF

 D5FF75

 F4FF92

 FFFFAF

 FFFFCD


 FFFFEA

 99FB37

 7BDE04

 5CC200

 3BA600

 088B00

 007100

 005700

 003E00

 002800

 000000

 99FB37

 99FB37

 8CFB1E

 A6FB50

 80FB05

 B2FB69

 7EFB00

 BFFB82

 CBFB9B

 D8FBB5

 E4FBCE

 F1FBE7

 FDFBFF

 FFFBFF

Harmonies

Analogous

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



FBE400



99FB37



00FF94

Triad

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



99FB37



00FFFF



FF80D2

Complementary

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



99FB37



9937FB

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.



FF94FF



99FB37



00E7FF

Square

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



99FB37



00FFFF



FCC0FF



FF9879

Rectangle

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



99FB37



00FFD4



FFC0FF



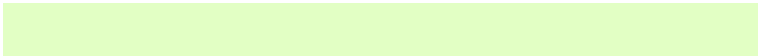
FF81F1

Sweetspot

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



99FB37



E2FFC4



FB9937



6E805C



000000



808080

Same Dimension

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



99FB37



87FF0F



37FB37



777D70



5EBD00



1F3D00

Inverse Universe

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



9937FB



870FFF



FB37FB



77707D



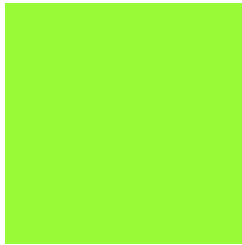
5E00BD



1F003D

Previews

White Background



This preview shows how the Hex color 99FB37 looks on a white background.

Color Contrast Check

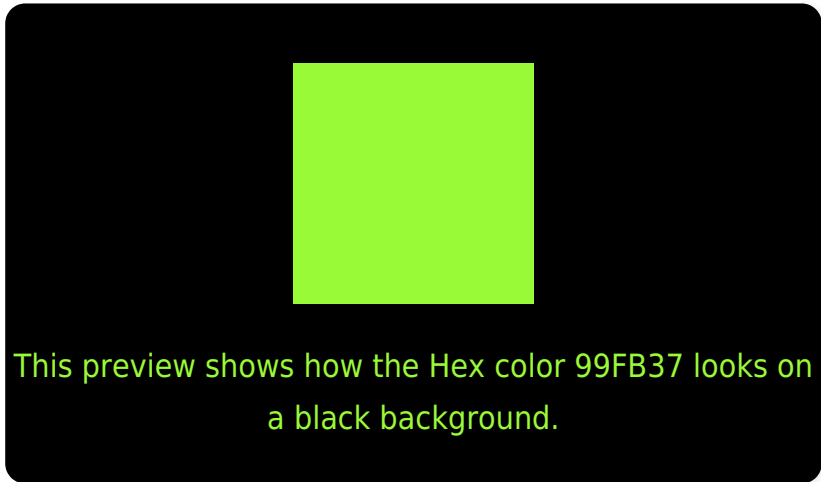
Large Text (above 18pt) WCAG AA × Fail

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 99FB37 Background



This preview shows how black text looks on a background with the Hex color 99FB37.

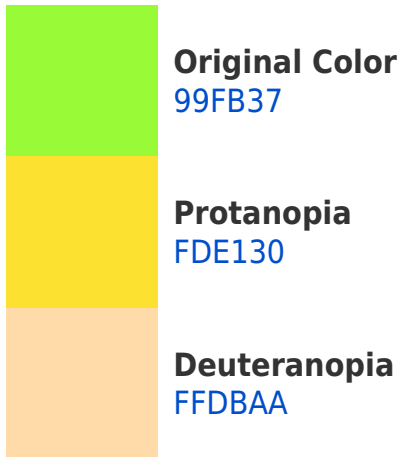


This preview shows how white text looks on a background with the Hex color 99FB37.

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](#).

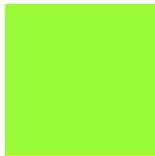
Dichromacy





Tritanopia
B4EAFD

Trichromacy



Original Color
99FB37



Protanomaly
D9EA33

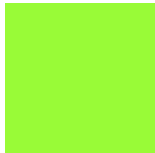


Deuteranomaly
DAE780

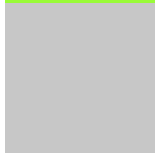


Tritanomaly
AAF0B5

Monochromacy



Original Color
99FB37



Achromatopsia
C7C7C7



Achromatomaly
B6DA93

CSS Examples

Text

The CSS property to change the color of the text to Hex 99FB37 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 #99FB37 looks like.

```
.text, #text, p{  
    color:#99FB37  
}
```

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 #99FB37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FB37
}
```

Border

The CSS property to change the border of an element to Hex 99FB37 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
#99FB37 }
```

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

```
.border{ border-color:#99FB37 }
```

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

Here you see how a box with a 4 pixel #99FB37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FB37; -webkit-box-shadow:4px 4px  
4px 4px #99FB37; box-shadow:4px 4px 4px  
4px #99FB37 }
```

Background

The CSS property to change the background color of an element to Hex 99FB37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FB37 }
```

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

```
.background{ background-color:#99FB37 }
```

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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