

Converting Colors

Hex(93F849)

Have a look what the booklet for
Hex(93F849) contains.

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Color

Hex(93F849)

Conversions

Conversions Part 1

Format	Color
Hex	93F849
RGB	147, 248, 73
RGB Percent	58%, 97%, 29%
CMY	0.4235, 0.0275, 0.7137
CMYK	0.41, 0.00, 0.71, 0.03
HSL	95°, 93%, 63%
HSV	95°, 71%, 97%
XYZ	46.8026, 73.8189, 18.0850
YIQ	197.8510, -4.0210, -75.8370

Conversions

Conversions Part 2

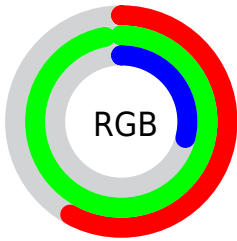
Format	Color
RYB	73, 248, 174
Decimal	9697353
CIELab	88.84, -57.05, 70.81
CIELCh	89, 90.936, 128.855
Yxy	73.8189, 0.3374, 0.5322
Android (android.graphics.Color)	4287887433 (0xFF93F849)
YUV	197.8510, -61.5515, -44.5963
Hunter-Lab	85.9179, -53.1209, 47.6625

Details

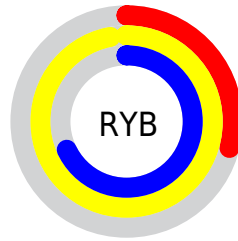
The Hex color **93F849** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **AE49F8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CFFF83**, and **56BF00** is the 20% darker color. If you saturate the color by 10%, you get **85F830**, and if you desaturate by 10%, it is **A1F862**.

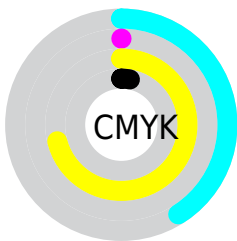
Distribution



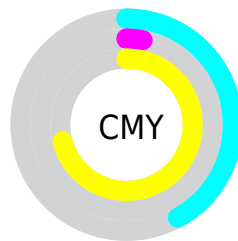
- Red (58%)
- Green (97%)
- Blue (29%)



- Red (29%)
- Yellow (97%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (71%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F849 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 93F849 by changing the saturation by 10% instead.

 93F849

 93F849

FFFFFF

 75DB28

 CFFF83

 56BF00

 EDFF9F

 35A300

 FFFFBC

 008800

 FFFFD9

 006E00

 FFFFF7

 005400

 003C00

 002500

 000000

 93F849

 93F849

 85F830

 A1F862

 76F817

 B0F87B

 69F800

 BEF893

 CCF8AC

 DBF8C5

 E9F8DE

 F7F8F7

 FFF8FF

Harmonies

Analogous

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



F1E300



93F849



00FF9D

Triad

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



93F849



00F9FF



FF86C9

Complementary

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



93F849



AE49F8

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.



FF95FF



93F849



1DE1FF

Square

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



93F849



00FFFF



FFBCFF



FF9E76

Rectangle

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



93F849



00FFD9



FFBCFF



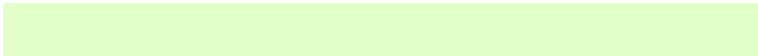
FF87E6

Sweetspot

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



93F849



E0FFC9



F8AC49



6D8060



000000



808080

Same Dimension

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



93F849



82FF26



49F855



767D70



50BD00



1A3D00

Inverse Universe

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



AE49F8



A326FF



F849EC



78707D



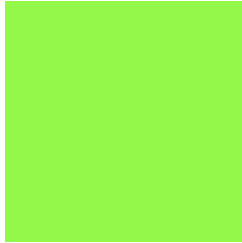
6D00BD



23003D

Previews

White Background



This preview shows how the Hex color 93F849 looks on a white background.

Color Contrast Check

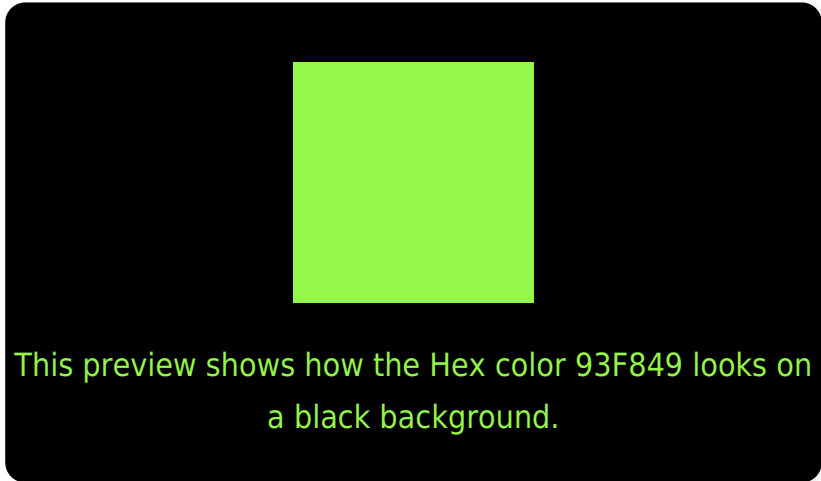
Large Text (above 18pt) WCAG AA × Fail

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 93F849 Background



This preview shows how black text looks on a background with the Hex color 93F849.

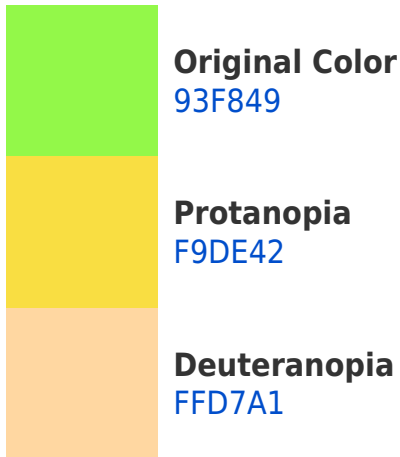


This preview shows how white text looks on a background with the Hex color 93F849.

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
AEE8FA

Trichromacy



Original Color
93F849



Protanomaly
D4E745



Deuteranomaly
D8E381

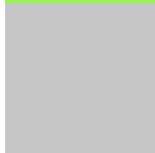


Tritanomaly
A4EEBA

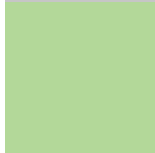
Monochromacy



Original Color
93F849



Achromatopsia
C6C6C6



Achromatomaly
B3D899

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F849 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 #93F849 looks like.

```
.text, #text, p{  
    color:#93F849  
}
```

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 #93F849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F849
}
```

Border

The CSS property to change the border of an element to Hex 93F849 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
#93F849 }
```

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

```
.border{ border-color:#93F849 }
```

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

Here you see how a box with a 4 pixel #93F849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F849; -webkit-box-shadow:4px 4px  
4px 4px #93F849; box-shadow:4px 4px 4px  
4px #93F849 }
```

Background

The CSS property to change the background color of an element to Hex 93F849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F849 }
```

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

```
.background{ background-color:#93F849 }
```

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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