

Converting Colors

Hex(93F24A)

Have a look what the booklet for
Hex(93F24A) contains.

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Color

Hex(93F24A)

Conversions

Conversions Part 1

Format	Color
Hex	93F24A
RGB	147, 242, 74
RGB Percent	58%, 95%, 29%
CMY	0.4235, 0.0510, 0.7098
CMYK	0.39, 0.00, 0.69, 0.05
HSL	94°, 87%, 62%
HSV	94°, 69%, 95%
XYZ	45.0208, 70.2017, 17.6560
YIQ	194.4430, -2.6920, -72.3880

Conversions

Conversions Part 2

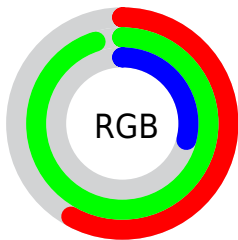
Format	Color
RYB	74, 242, 169
Decimal	9695818
CIELab	87.10, -54.62, 68.69
CIELCh	87, 87.758, 128.491
Yxy	70.2017, 0.3388, 0.5283
Android (android.graphics.Color)	4287885898 (0xFF93F24A)
YUV	194.4430, -59.3784, -41.6075
Hunter-Lab	83.7865, -50.7133, 46.1566

Details

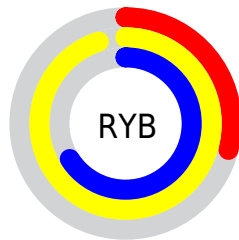
The Hex color **93F24A** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **A94AF2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **CEFF83**, and **57B900** is the 20% darker color. If you saturate the color by 10%, you get **85F232**, and if you desaturate by 10%, it is **A1F262**.

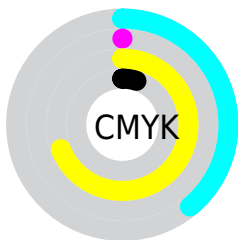
Distribution



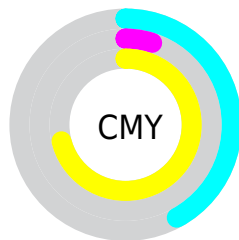
- Red (58%)
- Green (95%)
- Blue (29%)



- Red (29%)
- Yellow (95%)
- Blue (66%)



- Cyan (39%)
- Magenta (0%)
- Yellow (69%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93F24A 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 93F24A by changing the saturation by 10% instead.

 93F24A

 93F24A

FFFFFF

 75D52A


 CEFF83

 57B900

 ECFF9F

 379E00

 FFFFBC

 048300

 FFFFD9

 006900

 FFFFF7

 005000

 003800

 002000

 000000

 93F24A

 93F24A

 85F232

 A1F262

 78F21A

 AEF27A

 6AF201

 BCF293

 69F200

 CAF2AB

 D7F2C3

 E5F2DB

 F3F2F3

 FFF2FF

Harmonies

Analogous

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



EDDE00



93F24A



00FD99

Triad

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



93F24A



00F3FF



FF86C6

Complementary

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



93F24A



A94AF2

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



93F24A



28DCFF

Square

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



93F24A



00FFFF



FBB9FF



FF9C76

Rectangle

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



93F24A



00FFD3



FBB9FF



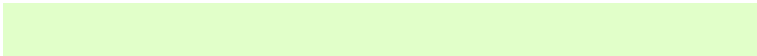
FF86E2

Sweetspot

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



93F24A



E1FFC9



F2A64A



6D8060



000000



808080

Same Dimension

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



93F24A



87FF2B



4AF252



71786C



50B800



183800

Inverse Universe

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



A94AF2



A32BFF



F24AEA



736C78



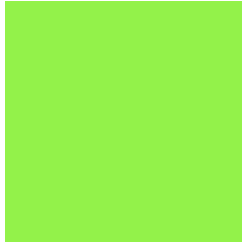
6800B8



200038

Previews

White Background



This preview shows how the Hex color 93F24A looks on a white background.

Color Contrast Check

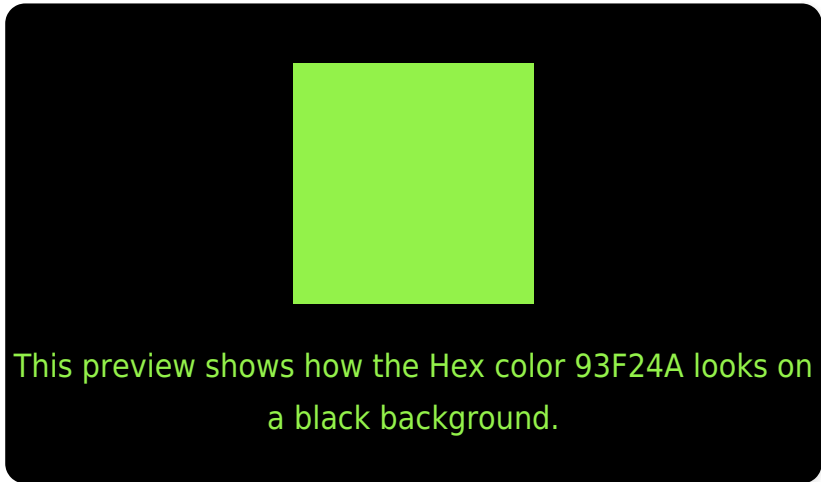
Large Text (above 18pt) WCAG AA × Fail

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 93F24A Background



This preview shows how black text looks on a background with the Hex color 93F24A.

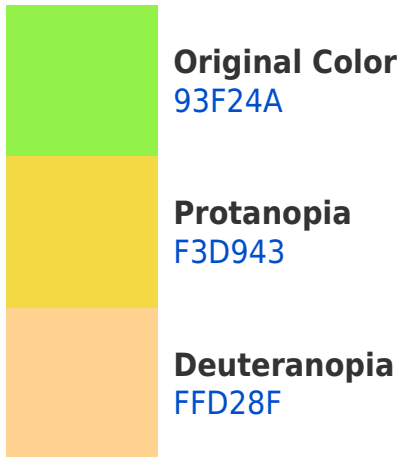


This preview shows how white text looks on a background with the Hex color 93F24A.

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



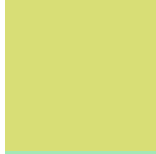
Trichromacy



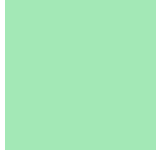
Original Color
93F24A



Protanomaly
D0E246



Deuteranomaly
D8DE76

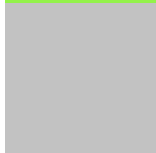


Tritanomaly
A3E8B6

Monochromacy



Original Color
93F24A



Achromatopsia
C2C2C2



Achromatomaly
B1D396

CSS Examples

Text

The CSS property to change the color of the text to Hex 93F24A 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 #93F24A looks like.

```
.text, #text, p{  
    color:#93F24A  
}
```

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 #93F24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93F24A
}
```

Border

The CSS property to change the border of an element to Hex 93F24A 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
#93F24A }
```

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

```
.border{ border-color:#93F24A }
```

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

Here you see how a box with a 4 pixel #93F24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93F24A; -webkit-box-shadow:4px 4px  
4px 4px #93F24A; box-shadow:4px 4px 4px  
4px #93F24A }
```

Background

The CSS property to change the background color of an element to Hex 93F24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93F24A }
```

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

```
.background{ background-color:#93F24A }
```

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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