

Converting Colors

Hex(9FF93D)

Have a look what the booklet for
Hex(9FF93D) contains.

Hex(9FF93D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9FF93D)

Conversions

Conversions Part 1

Format	Color
Hex	9FF93D
RGB	159, 249, 61
RGB Percent	62%, 98%, 24%
CMY	0.3765, 0.0235, 0.7608
CMYK	0.36, 0.00, 0.76, 0.02
HSL	89°, 94%, 61%
HSV	89°, 76%, 98%
XYZ	49.0161, 75.4592, 16.3965
YIQ	200.6580, 6.7080, -77.5480

Conversions

Conversions Part 2

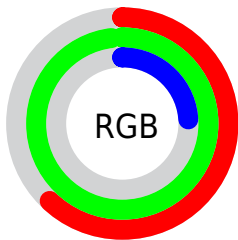
Format	Color
RYB	61, 249, 151
Decimal	10484029
CIELab	89.61, -54.24, 75.68
CIElCh	90, 93.110, 125.632
Yxy	75.4592, 0.3479, 0.5357
Android (android.graphics.Color)	4288674109 (0xFF9FF93D)
YUV	200.6580, -68.8514, -36.5341
Hunter-Lab	86.8673, -51.2966, 49.6159

Details

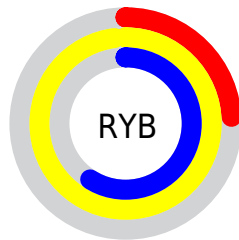
The Hex color **9FF93D** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **973DF9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DBFF79**, and **63C000** is the 20% darker color. If you saturate the color by 10%, you get **93F924**, and if you desaturate by 10%, it is **ABF956**.

Distribution



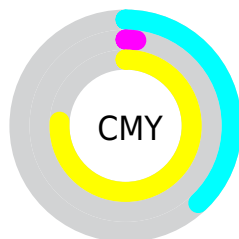
- Red (62%)
- Green (98%)
- Blue (24%)



- Red (24%)
- Yellow (98%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (76%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9FF93D 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 9FF93D by changing the saturation by 10% instead.

 9FF93D

 9FF93D

FFFFFF

 81DC14

 DBFF79

 63C000

 F9FF96

 44A400

 FFFFFB3

 1D8900

 FFFFFD1

 006F00

 FFFFFEE

 005600

 003D00

 002700

 000000

 9FF93D

 9FF93D

 93F924

 ABF956

 87F90B

 B7F96F

 82F900

 C3F988

 CFF9A1

 DBF9BA

 E7F9D2

 F2F9EB

 FEF9FF

 FFF9FF

Harmonies

Analogous

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



FDE300



9FF93D



00FF94

Triad

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



9FF93D



00FEFF



FF85D4

Complementary

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



9FF93D



973DF9

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.



FF98FF



9FF93D



00E6FF

Square

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



9FF93D



00FFFF



F8C2FF



FF9A7E

Rectangle

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



9FF93D



00FFD1



F8C2FF



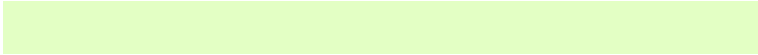
FF87F2

Sweetspot

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



9FF93D



E3FFC4



F9953D



6E805C



000000



808080

Same Dimension

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



9FF93D



90FF17



43F93D



777D70



62BD00



203D00

Inverse Universe

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



973DF9



8617FF



F33DF9



76707D



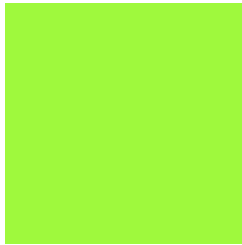
5A00BD



1D003D

Previews

White Background



This preview shows how the Hex color 9FF93D looks on a white background.

Color Contrast Check

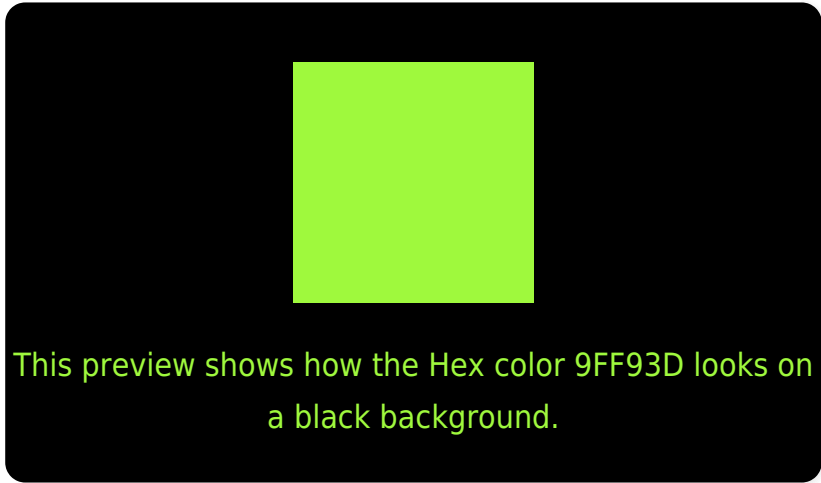
Large Text (above 18pt) WCAG AA × Fail

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 9FF93D Background



This preview shows how black text looks on a background with the Hex color 9FF93D.

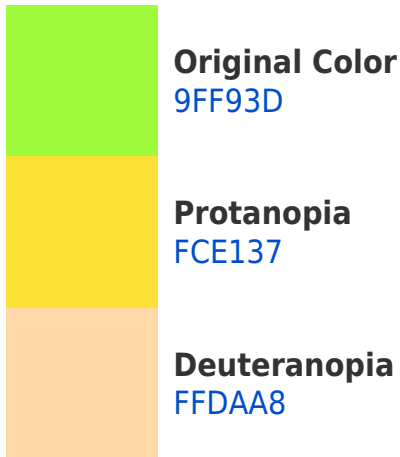


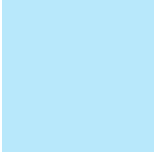
This preview shows how white text looks on a background with the Hex color 9FF93D.

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



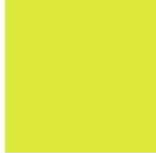


Tritanopia
B8E8FB

Trichromacy



Original Color
9FF93D



Protanomaly
DAEA39



Deuteranomaly
DCE581

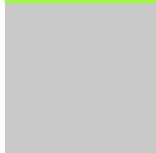


Tritanomaly
AFEEB6

Monochromacy



Original Color
9FF93D



Achromatopsia
C9C9C9



Achromatomaly
BADA96

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FF93D 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 #9FF93D looks like.

```
.text, #text, p{  
    color:#9FF93D  
}
```

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 #9FF93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF93D
}
```

Border

The CSS property to change the border of an element to Hex 9FF93D 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
#9FF93D }
```

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

```
.border{ border-color:#9FF93D }
```

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

Here you see how a box with a 4 pixel #9FF93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF93D; -webkit-box-shadow:4px 4px  
4px 4px #9FF93D; box-shadow:4px 4px 4px  
4px #9FF93D }
```

Background

The CSS property to change the background color of an element to Hex 9FF93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF93D }
```

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

```
.background{ background-color:#9FF93D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor