

Converting Colors

Hex(9FFF3B)

Have a look what the booklet for
Hex(9FFF3B) contains.

Hex(9FFF3B)	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(9FFF3B)

Conversions

Conversions Part 1

Format	Color
Hex	9FFF3B
RGB	159, 255, 59
RGB Percent	62%, 100%, 23%
CMY	0.3765, 0.0000, 0.7686
CMYK	0.38, 0.00, 0.77, 0.00
HSL	89°, 100%, 62%
HSV	89°, 77%, 100%
XYZ	50.8475, 79.2067, 16.7462
YIQ	203.9520, 5.7000, -81.3080

Conversions

Conversions Part 2

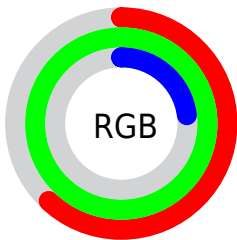
Format	Color
RYB	59, 255, 155
Decimal	10485563
CIELab	91.33, -56.72, 77.89
CIELCh	91, 96.358, 126.064
Yxy	79.2067, 0.3464, 0.5396
Android (android.graphics.Color)	4288675643 (0xFF9FFF3B)
YUV	203.9520, -71.4613, -39.4229
Hunter-Lab	88.9981, -53.7640, 51.1425

Details

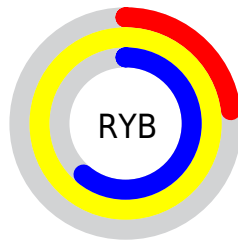
The Hex color **9FFF3B** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9B3BFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DBFF78**, and **62C600** is the 20% darker color. If you saturate the color by 10%, you get **93FF21**, and if you desaturate by 10%, it is **ABFF55**.

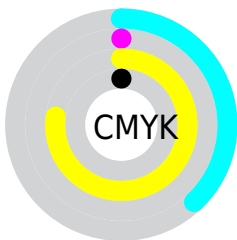
Distribution



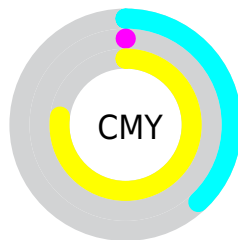
- Red (62%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (61%)



- Cyan (38%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FFF3B 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 9FFF3B by changing the saturation by 10% instead.

 9FFF3B

FFFFFF

 DBFF78


 FAFF96

 FFFFB3

 FFFFFD0

 FFFFEE

 9FFF3B

 81E20E

 62C600

 42AA00

 188F00

 007400

 005B00

 004200

 002B00

 000900

 9FFF3B

 9FFF3B

 93FF21

 ABFF55

 86FF08

 B8FF6E

 82FF00

 C4FF88

 D1FFA1

 DDFFB8

 EAFFD4

 F6FFEE

FFFFFF

Harmonies

Analogous

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



FFE800



9FFF3B



00FF97

Triad

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



9FFF3B



00FFFF



FF85D7

Complementary

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



9FFF3B



9B3BFF

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.



FF99FF



9FFF3B



00EBFF

Square

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



9FFF3B



00FFFF



FFC5FF



FF9C7E

Rectangle

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



9FFF3B



00FFD7



FFC5FF



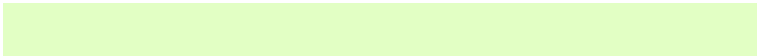
FF87F6

Sweetspot

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



9FFF3B



E2FFC4



FF9A3B



6E805C



000000



808080

Same Dimension

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



9FFF3B



8CFF14



3EFF3B



798073



62BF00



214000

Inverse Universe

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



9B3BFF



8714FF



FC3BFF



797380



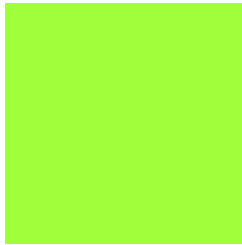
5E00BF



1F0040

Previews

White Background



This preview shows how the Hex color 9FFF3B looks on a white background.

Color Contrast Check

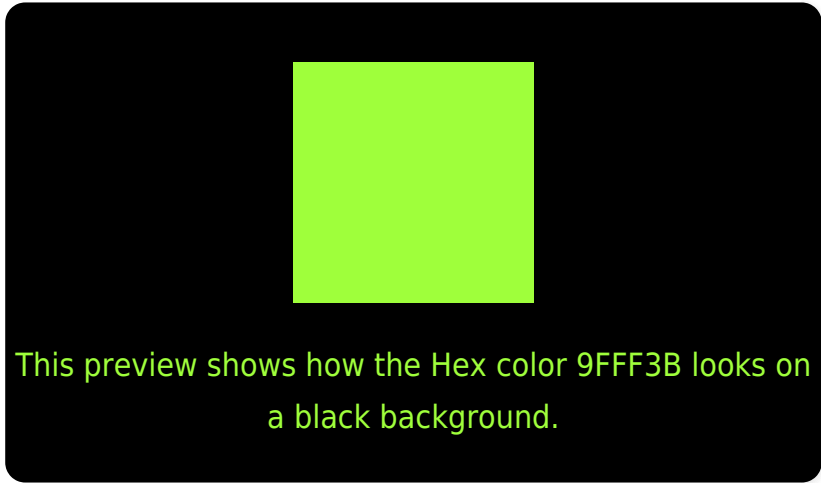
Large Text (above 18pt) WCAG AA × Fail

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 9FFF3B Background



This preview shows how black text looks on a background with the Hex color 9FFF3B.

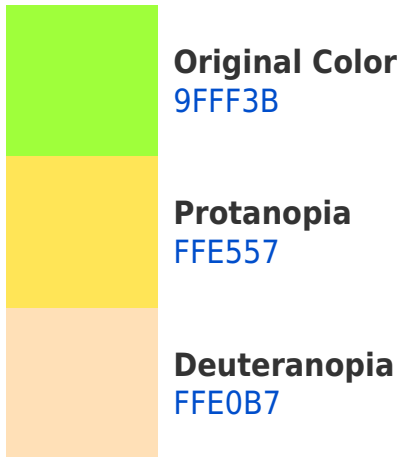


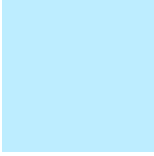
This preview shows how white text looks on a background with the Hex color 9FFF3B.

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](#).

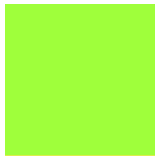
Dichromacy





Tritanopia
BDEDFE

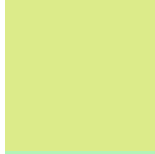
Trichromacy



Original Color
9FFF3B



Protanomaly
DCEE4D

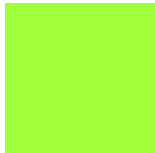


Deuteranomaly
DCEB8A

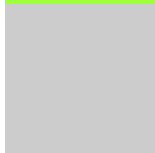


Tritanomaly
B2F4B8

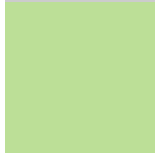
Monochromacy



Original Color
9FFF3B



Achromatopsia
CCCCCC



Achromatomaly
BCDF97

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FFF3B 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 #9FFF3B looks like.

```
.text, #text, p{  
    color:#9FFF3B  
}
```

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 #9FFF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFF3B
}
```

Border

The CSS property to change the border of an element to Hex 9FFF3B 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
#9FFF3B }
```

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

```
.border{ border-color:#9FFF3B }
```

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

Here you see how a box with a 4 pixel #9FFF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFF3B; -webkit-box-shadow:4px 4px  
4px 4px #9FFF3B; box-shadow:4px 4px 4px  
4px #9FFF3B }
```

Background

The CSS property to change the background color of an element to Hex 9FFF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFF3B }
```

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

```
.background{ background-color:#9FFF3B }
```

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