

Converting Colors

Hex(9CFF3B)

Have a look what the booklet for
Hex(9CFF3B) contains.

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Color

Hex(9CFF3B)

Conversions

Conversions Part 1

Format	Color
Hex	9CFF3B
RGB	156, 255, 59
RGB Percent	61%, 100%, 23%
CMY	0.3882, 0.0000, 0.7686
CMYK	0.39, 0.00, 0.77, 0.00
HSL	90°, 100%, 62%
HSV	90°, 77%, 100%
XYZ	50.2597, 78.9037, 16.7186
YIQ	203.0550, 3.9120, -81.9440

Conversions

Conversions Part 2

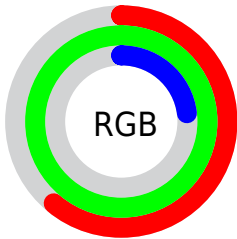
Format	Color
RYB	59, 255, 158
Decimal	10288955
CIELab	91.19, -57.70, 77.71
CIElCh	91, 96.795, 126.594
Yxy	78.9037, 0.3445, 0.5409
Android (android.graphics.Color)	4288479035 (0xFF9CFF3B)
YUV	203.0550, -71.0191, -41.2672
Hunter-Lab	88.8277, -54.4513, 51.0202

Details

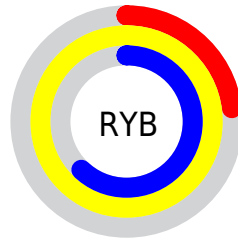
The Hex color **9CFF3B** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9E3BFF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D8FF78**, and **5FC600** is the 20% darker color. If you saturate the color by 10%, you get **8FFF21**, and if you desaturate by 10%, it is **A9FF55**.

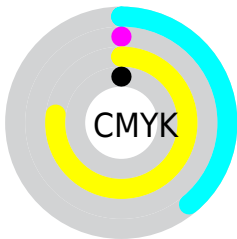
Distribution



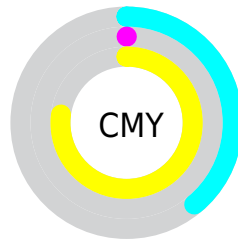
- Red (61%)
- Green (100%)
- Blue (23%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CFF3B 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 9CFF3B by changing the saturation by 10% instead.

 9CFF3B

 9CFF3B

FFFFFF

 7EE20E

 D8FF78

 5FC600

 F7FF96

 3EAA00

 FFFFB3

 0F8F00

 FFFF00

 007400

 FFFFEE

 005B00

 004200

 002B00

 000800

 9CFF3B

 9CFF3B

 8FFF21

 A9FF55

 82FF08

 B6FF6E

 7EFF00

 C3FF88

 D0FFA1

 DCFFBB

 E9FFD4

 F6FFEE

FFFFFF

Harmonies

Analogous

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



FFE800



9CFF3B



00FF98

Triad

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



9CFF3B



00FFFF



FF83D5

Complementary

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



9CFF3B



9E3BFF

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.



FF97FF



9CFF3B



00EAFF

Square

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



9CFF3B



00FFFF



FFC3FF



FF9C7C

Rectangle

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



9CFF3B



00FFD8



FFC3FF



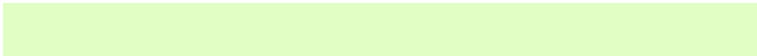
FF85F4

Sweetspot

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



9CFF3B



E1FFC4



FF9D3B



6D805C



000000



808080

Same Dimension

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



9CFF3B



89FF14



3BFF3B



798073



5FBF00



204000

Inverse Universe

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



9E3BFF



8B14FF



FF3BFF



797380



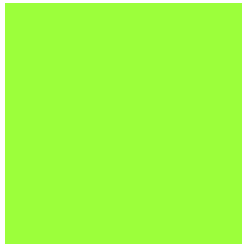
6100BF



200040

Previews

White Background



This preview shows how the Hex color 9CFF3B looks on a white background.

Color Contrast Check

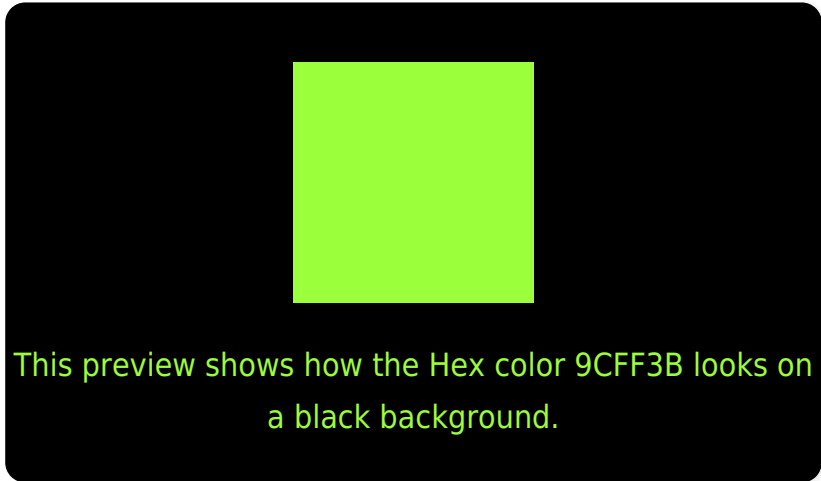
Large Text (above 18pt) WCAG AA × Fail

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

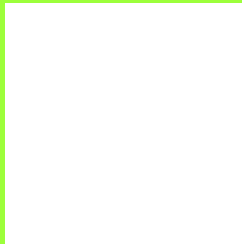
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9CFF3B Background



This preview shows how black text looks on a background with the Hex color 9CFF3B.

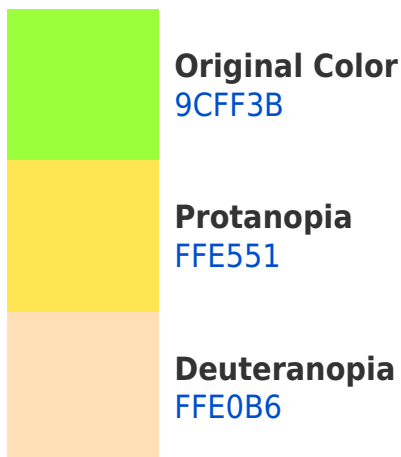


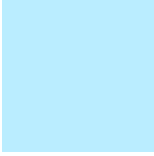
This preview shows how white text looks on a background with the Hex color 9CFF3B.

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
BAEDFF

Trichromacy



Original Color
9CFF3B



Protanomaly
DBEE49



Deuteranomaly
DBEB89

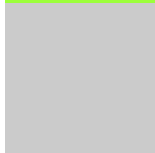


Tritanomaly
AFF4B8

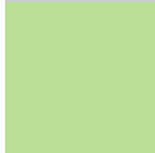
Monochromacy



Original Color
9CFF3B



Achromatopsia
CBCBCB



Achromatomaly
BADE97

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CFF3B 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 #9CFF3B looks like.

```
.text, #text, p{  
    color:#9CFF3B  
}
```

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 #9CFF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFF3B
}
```

Border

The CSS property to change the border of an element to Hex 9CFF3B 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
#9CFF3B }
```

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

```
.border{ border-color:#9CFF3B }
```

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

Here you see how a box with a 4 pixel #9CFF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFF3B; -webkit-box-shadow:4px 4px  
4px 4px #9CFF3B; box-shadow:4px 4px 4px  
4px #9CFF3B }
```

Background

The CSS property to change the background color of an element to Hex 9CFF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFF3B }
```

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

```
.background{ background-color:#9CFF3B }
```

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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