

# Converting Colors

Hex(9BFC32)

Have a look what the booklet for  
Hex(9BFC32) contains.

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**Color**

**Hex(9BFC32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BFC32
RGB	155, 252, 50
RGB Percent	61%, 99%, 20%
CMY	0.3922, 0.0118, 0.8039
CMYK	0.38, 0.00, 0.80, 0.01
HSL	89°, 97%, 59%
HSV	89°, 80%, 99%
XYZ	48.9037, 76.8197, 15.2678
YIQ	199.9690, 7.0300, -83.3860

# Conversions

## Conversions Part 2

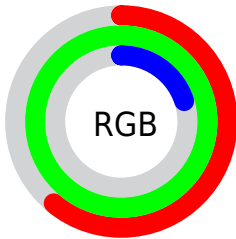
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 252, 147
Decimal	10222642
CIELab	90.24, -57.27, 79.27
CIELCh	90, 97.789, 125.848
Yxy	76.8197, 0.3469, 0.5449
Android (android.graphics.Color)	4288412722 (0xFF9BFC32)
YUV	199.9690, -73.9347, -39.4378
Hunter-Lab	87.6468, -53.7855, 51.0246

# Details

The Hex color **9BFC32** 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 **9332FC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D7FF72**, and **5EC300** is the 20% darker color. If you saturate the color by 10%, you get **8FFC19**, and if you desaturate by 10%, it is **A7FC4B**.

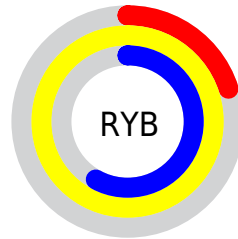
# Distribution



Red (61%)

Green (99%)

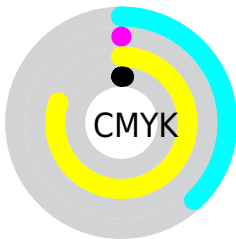
Blue (20%)



Red (20%)

Yellow (99%)

Blue (58%)

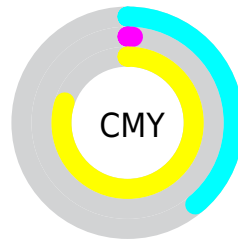


Cyan (38%)

Magenta (0%)

Yellow (80%)

Black (1%)



Cyan (39%)

Magenta (1%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BFC32 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 9BFC32 by changing the saturation by 10% instead.



 9BFC32

 9BFC32

FFFFFF

 7DDF00

 D7FF72

 5EC300

 F6FF8F

 3DA700

 FFFFAC

 0D8C00

 FFFFCA

 007200

 FFFF E8

 005800

 003F00

 002900

 000200

 9BFC32

 9BFC32

 8FFC19

 A7FC4B

 83FC00

 B3FC64

 BFFC7E

 CBFC97

 D8FCB0

 E4FCC9

 F0FCE2

 FCFCFC

 FFFCFF

# Harmonies

## Analogous

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



FEE500



9BFC32



00FF92

# Triad

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



9BFC32



00FFFF



FF7ED5

# Complementary

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



9BFC32



9332FC

# 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



9BFC32



00E9FF

# Square

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



9BFC32



00FFFF



FBC1FF



FF977A

# Rectangle

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



9BFC32



00FFD3



FBC1FF



FF80F4

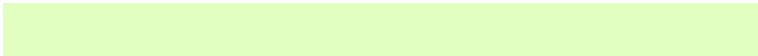


# Sweetspot

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



9BFC32



E2FFC2



FC9032



6E805B



000000



808080



# Same Dimension

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



9BFC32



89FF0A



39FC32



777D70



62BD00



203D00



# Inverse Universe

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



9332FC



800AFF



F532FC



76707D



5B00BD

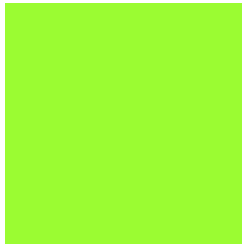


1D003D



# Previews

## White Background



This preview shows how the Hex color 9BFC32 looks on a white background.

## Color Contrast Check

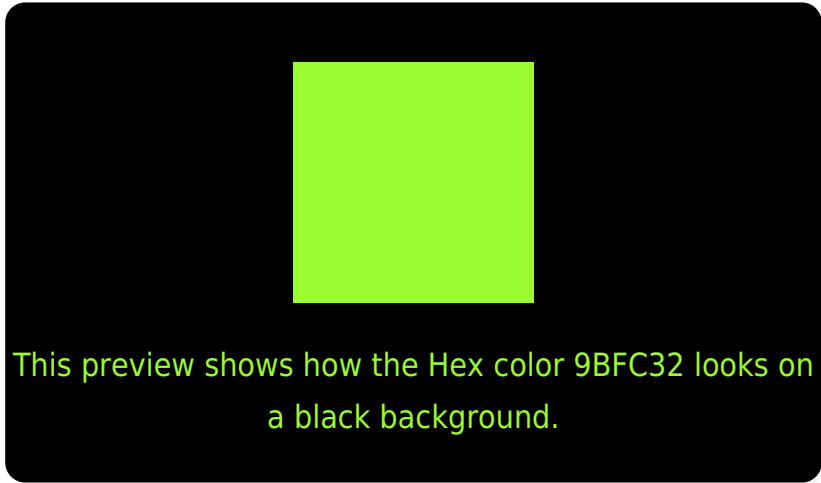
Large Text (above 18pt) WCAG AA × Fail

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

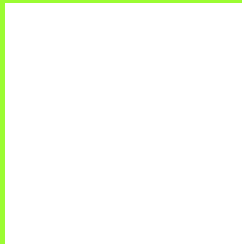
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BFC32 Background



This preview shows how black text looks on a background with the Hex color 9BFC32.

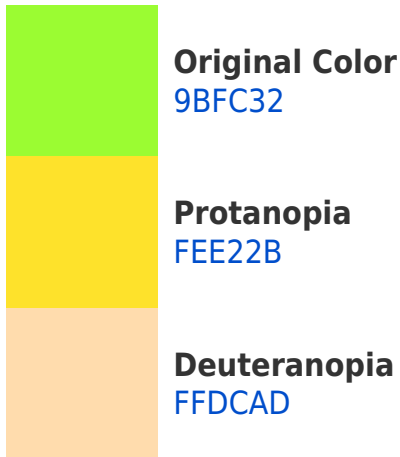


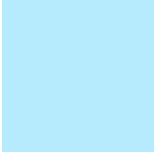
This preview shows how white text looks on a background with the Hex color 9BFC32.

# 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](#).

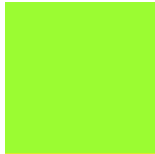
## Dichromacy





**Tritanopia**  
B6EBFD

# Trichromacy



**Original Color**  
9BFC32



**Protanomaly**  
DAEB2E

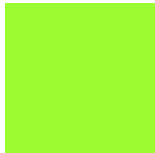


**Deuteranomaly**  
DBE880

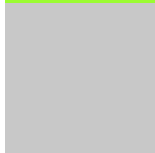


**Tritanomaly**  
ACF1B3

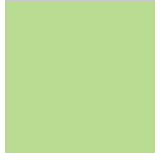
# Monochromacy



**Original Color**  
9BFC32



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B8DB91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BFC32 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 #9BFC32 looks like.

```
.text, #text, p{  
    color:#9BFC32  
}
```

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 #9BFC32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BFC32
}
```

## Border

The CSS property to change the border of an element to Hex 9BFC32 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
#9BFC32 }
```

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

```
.border{ border-color:#9BFC32 }
```

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

Here you see how a box with a 4 pixel #9BFC32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BFC32; -webkit-box-shadow:4px 4px  
4px 4px #9BFC32; box-shadow:4px 4px 4px  
4px #9BFC32 }
```

# Background

The CSS property to change the background color of an element to Hex 9BFC32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BFC32 }
```

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

```
.background{ background-color:#9BFC32 }
```

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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