

# Converting Colors

Hex(9BF951)

Have a look what the booklet for  
Hex(9BF951) contains.

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**Color**

**Hex(9BF951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF951
RGB	155, 249, 81
RGB Percent	61%, 98%, 32%
CMY	0.3922, 0.0235, 0.6824
CMYK	0.38, 0.00, 0.67, 0.02
HSL	94°, 93%, 65%
HSV	94°, 67%, 98%
XYZ	48.8785, 75.3140, 19.7455
YIQ	201.7420, -2.0960, -72.1760

# Conversions

## Conversions Part 2

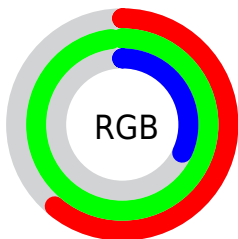
Format	Color
<a href="#">RYB</a>	<a href="#">81, 249, 175</a>
Decimal	<a href="#">10221905</a>
CIELab	<a href="#">89.54, -54.33, 68.76</a>
CIELCh	<a href="#">90, 87.632, 128.312</a>
Yxy	<a href="#">75.3140, 0.3396, 0.5232</a>
Android (android.graphics.Color)	<a href="#">4288411985 (0xFF9BF951)</a>
YUV	<a href="#">201.7420, -59.5258, -40.9927</a>
Hunter-Lab	<a href="#">86.7836, -51.3363, 47.2586</a>

# Details

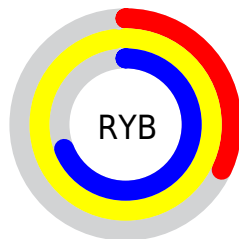
The Hex color **9BF951** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **AF51F9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D6FF8A**, and **60C005** is the 20% darker color. If you saturate the color by 10%, you get **8DF938**, and if you desaturate by 10%, it is **A9F96A**.

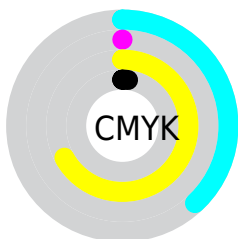
# Distribution



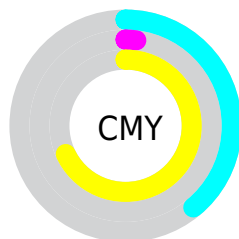
- Red (61%)
- Green (98%)
- Blue (32%)



- Red (32%)
- Yellow (98%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (67%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BF951 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 9BF951 by changing the saturation by 10% instead.



 9BF951

 9BF951

FFFFFF

 7EDC33

 D6FF8A

 60C005


 F5FFA6

 40A400

 FFFFC3

 198900

 FFFFEO

 006F00

FFFFFFE

 005600

 003D00

 002700

 000000

 9BF951

 9BF951

 8DF938

 A9F96A

 7FF91F

 B7F983

 71F906

 C5F99C

 6EF900

 D3F9B5

 E1F9CE

 EFF9E6

 FDF9FF

 FFF9FF

# Harmonies

## Analogous

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



F5E515



9BF951



00FFA0

# Triad

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



9BF951



00FAFF



FF8ECD

# Complementary

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



9BF951



AF51F9

# 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.



FF9CFF



9BF951



3CE3FF

# Square

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



9BF951



00FFFF



FFC0FF



FFA37D

# Rectangle

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



9BF951



00FFDA



FFC0FF



FF8EE9

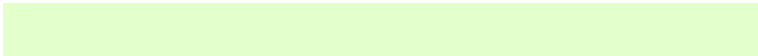


# Sweetspot

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



9BF951



E2FFCC



F9AD51



6E8061



000000



808080



# Same Dimension

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



9BF951



8BFF30



51F959



767D70



53BD00



1B3D00



# Inverse Universe

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



AF51F9



A430FF



F951F1



77707D



6A00BD

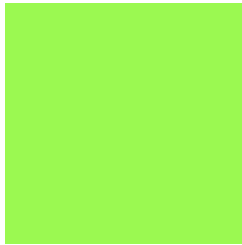


22003D



# Previews

## White Background



This preview shows how the Hex color 9BF951 looks on a white background.

## Color Contrast Check

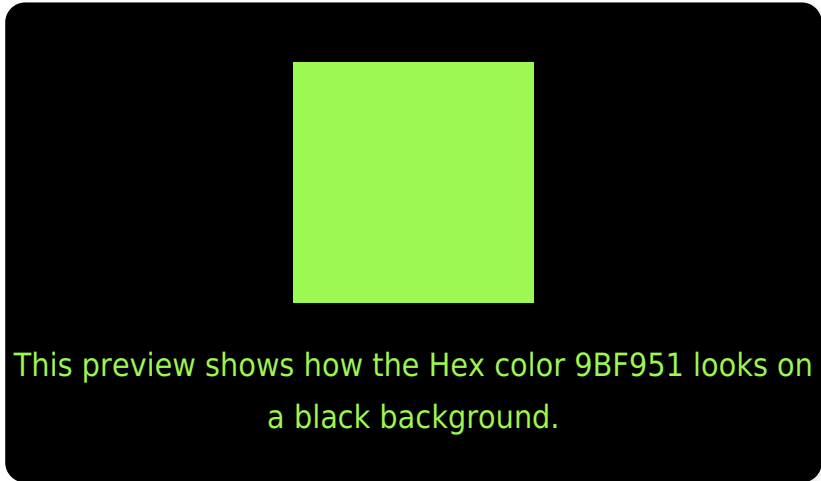
Large Text (above 18pt) WCAG AA × Fail

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

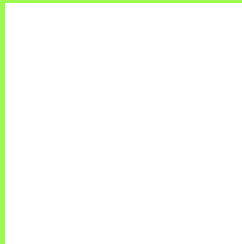
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BF951 Background



This preview shows how black text looks on a background with the Hex color 9BF951.

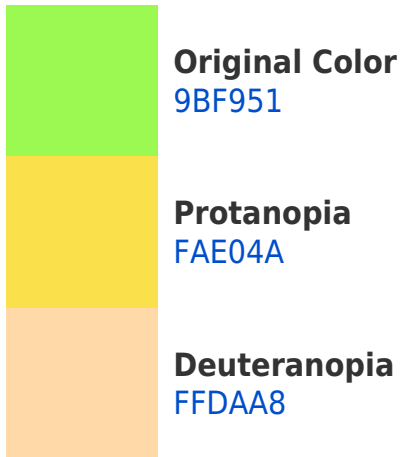


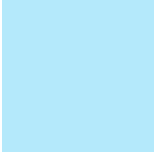
This preview shows how white text looks on a background with the Hex color 9BF951.

# 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



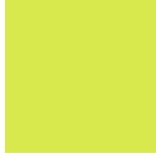


**Tritanopia**  
B4E9FB

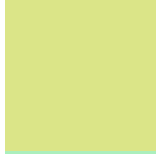
# Trichromacy



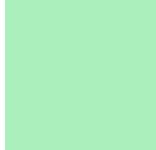
**Original Color**  
9BF951



**Protanomaly**  
D7E94D



**Deuteranomaly**  
DBE588

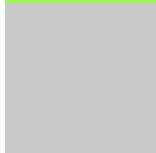


**Tritanomaly**  
ABEFBD

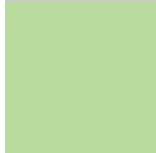
# Monochromacy



**Original Color**  
9BF951



**Achromatopsia**  
CACACA



**Achromatomaly**  
B9DB9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BF951 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 #9BF951 looks like.

```
.text, #text, p{  
    color:#9BF951  
}
```

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 #9BF951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF951
}
```

## Border

The CSS property to change the border of an element to Hex 9BF951 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
#9BF951 }
```

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

```
.border{ border-color:#9BF951 }
```

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

Here you see how a box with a 4 pixel #9BF951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF951; -webkit-box-shadow:4px 4px  
4px 4px #9BF951; box-shadow:4px 4px 4px  
4px #9BF951 }
```

# Background

The CSS property to change the background color of an element to Hex 9BF951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF951 }
```

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

```
.background{ background-color:#9BF951 }
```

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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