

# Converting Colors

Hex(9CF76B)

Have a look what the booklet for  
Hex(9CF76B) contains.

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# Color

Hex(9CF76B)

# Conversions

## Conversions Part 1

Format	Color
Hex	9CF76B
RGB	156, 247, 107
RGB Percent	61%, 97%, 42%
CMY	0.3882, 0.0314, 0.5804
CMYK	0.37, 0.00, 0.57, 0.03
HSL	99°, 90%, 69%
HSV	99°, 57%, 97%
XYZ	49.6249, 74.6510, 25.7035
YIQ	203.8310, -9.2960, -62.8320

# Conversions

## Conversions Part 2

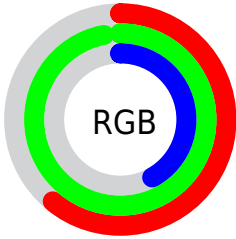
Format	Color
<a href="#">RYB</a>	<a href="#">107, 247, 198</a>
Decimal	<a href="#">10286955</a>
CIELab	<a href="#">89.23, -50.96, 57.82</a>
CIELCh	<a href="#">89, 77.074, 131.389</a>
Yxy	<a href="#">74.6510, 0.3309, 0.4977</a>
Android (android.graphics.Color)	<a href="#">4288477035 (0xFF9CF76B)</a>
YUV	<a href="#">203.8310, -47.7377, -41.9478</a>
Hunter-Lab	<a href="#">86.4008, -48.6787, 42.8423</a>

# Details

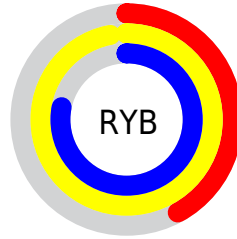
The Hex color **9CF76B** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C66BF7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D6FFA2**, and **62BE34** is the 20% darker color. If you saturate the color by 10%, you get **8CF752**, and if you desaturate by 10%, it is **ACF784**.

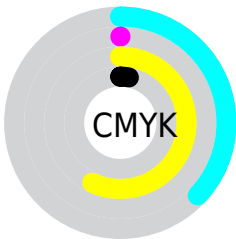
# Distribution



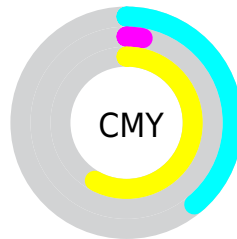
- Red (61%)
- Green (97%)
- Blue (42%)



- Red (42%)
- Yellow (97%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CF76B 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 9CF76B by changing the saturation by 10% instead.



 9CF76B

FFFFFF

 D6FFA2

 F4FFBE

 FFFFDB

 FFFFF8

 9CF76B

 7FDA50

 62BE34

 44A213

 228800

 006E00

 005400

 003C00

 002600

 000000

 9CF76B

 9CF76B

 8CF752

 ACF784

 7CF73A

 BCF79C

 6CF721

 CCF7B5

 5CF708

 DCF7CE

 56F700

 ECF7E7

 FCF7FF

 FFF7FF

# Harmonies

## Analogous

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



EDE542



9CF76B



00FFAF

# Triad

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



9CF76B



00F5FF



FF9DC7

# Complementary

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



9CF76B



C66BF7

# 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.



FFA4FF



9CF76B



86DFFF

# Square

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



9CF76B



00FFFF



FFC1FF



FFAF82

# Rectangle

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



9CF76B



00FFE1



FFC1FF



FF9CE0

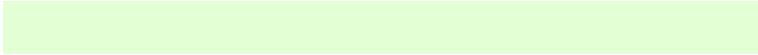


# Sweetspot

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



9CF76B



E3FFD4



F7C66B



6F8066



000000



808080



# Same Dimension

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



9CF76B



8EFF52



6BF780



727A6E



41BA00



153B00



# Inverse Universe

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



C66BF7



C252FF



F76BE2



766E7A



7900BA

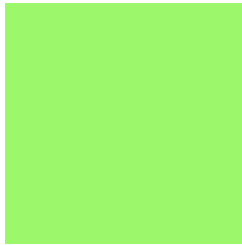


26003B



# Previews

## White Background



This preview shows how the Hex color 9CF76B looks on a white background.

## Color Contrast Check

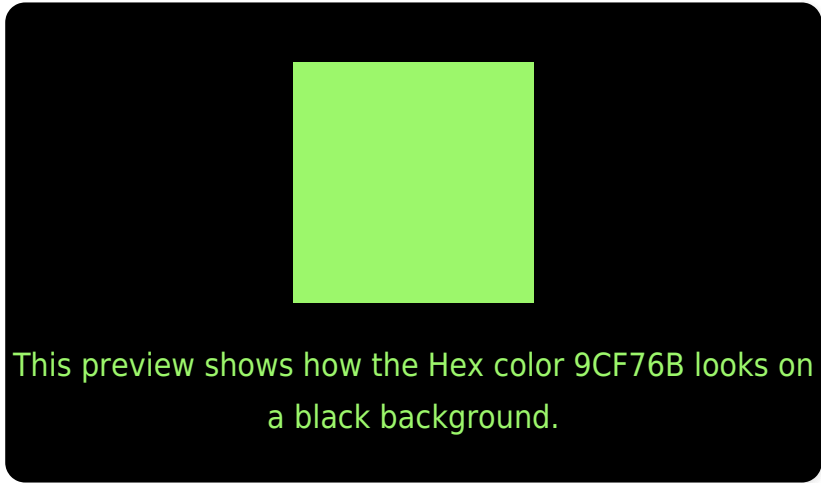
Large Text (above 18pt) WCAG AA × Fail

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

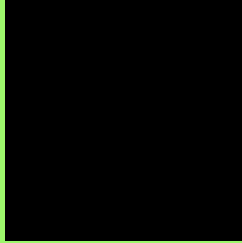
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CF76B Background



This preview shows how black text looks on a background with the Hex color 9CF76B.

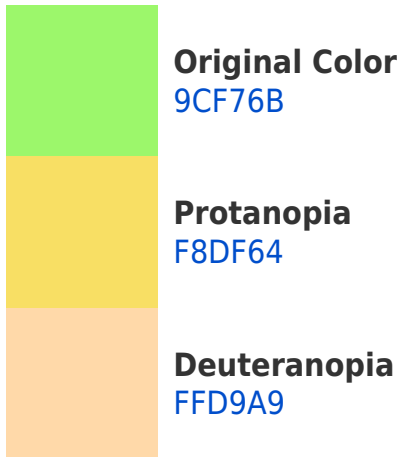


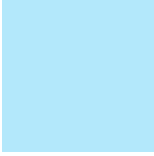
This preview shows how white text looks on a background with the Hex color 9CF76B.

# 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



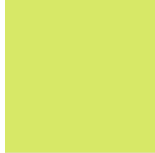


**Tritanopia**  
B3E8FB

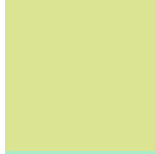
# Trichromacy



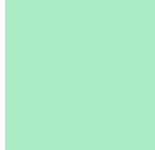
**Original Color**  
9CF76B



**Protanomaly**  
D7E867



**Deuteranomaly**  
DBE492

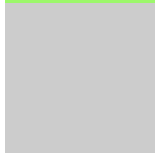


**Tritanomaly**  
ABEDC7

# Monochromacy



**Original Color**  
9CF76B



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
BBDCA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CF76B 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 #9CF76B looks like.

```
.text, #text, p{  
    color:#9CF76B  
}
```

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 #9CF76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF76B
}
```

## Border

The CSS property to change the border of an element to Hex 9CF76B 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
#9CF76B }
```

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

```
.border{ border-color:#9CF76B }
```

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

Here you see how a box with a 4 pixel #9CF76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF76B; -webkit-box-shadow:4px 4px  
4px 4px #9CF76B; box-shadow:4px 4px 4px  
4px #9CF76B }
```

# Background

The CSS property to change the background color of an element to Hex 9CF76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF76B }
```

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

```
.background{ background-color:#9CF76B }
```

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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