

# Converting Colors

Hex(9FFF4D)

Have a look what the booklet for  
Hex(9FFF4D) contains.

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**Color**

**Hex(9FFF4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFF4D
RGB	159, 255, 77
RGB Percent	62%, 100%, 30%
CMY	0.3765, 0.0000, 0.6980
CMYK	0.38, 0.00, 0.70, 0.00
HSL	92°, 100%, 65%
HSV	92°, 70%, 100%
XYZ	51.3976, 79.4268, 19.6431
YIQ	206.0040, -0.0780, -75.7100

# Conversions

## Conversions Part 2

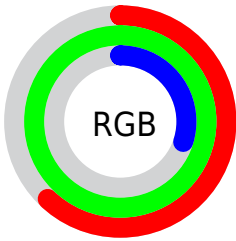
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 255, 173</a>
Decimal	<a href="#">10485581</a>
CIELab	<a href="#">91.43, -55.69, 72.21</a>
CIELCh	<a href="#">91, 91.193, 127.642</a>
Yxy	<a href="#">79.4268, 0.3416, 0.5279</a>
Android (android.graphics.Color)	<a href="#">4288675661 (0xFF9FFF4D)</a>
YUV	<a href="#">206.0040, -63.5990, -41.2225</a>
Hunter-Lab	<a href="#">89.1217, -53.0197, 49.3172</a>

# Details

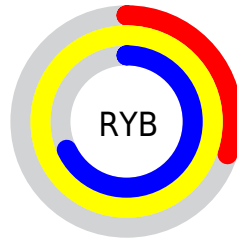
The Hex color **9FFF4D** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **AD4DFF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **DBFF87**, and **63C600** is the 20% darker color. If you saturate the color by 10%, you get **91FF34**, and if you desaturate by 10%, it is **ADFF67**.

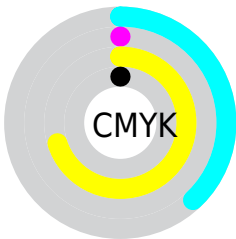
# Distribution



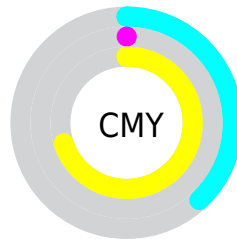
- Red (62%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (68%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FFF4D 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 9FFF4D by changing the saturation by 10% instead.



 9FFF4D

 9FFF4D

FFFFFF

 81E22D

 DBFF87

 63C600

 F9FFA4

 43AA00

 FFFFC1

 1C8F00

 FFFFDE

 007400

 FFFFFC

 005B00

 004200

 002C00

 000A00

 9FFF4D

 9FFF4D

 91FF34

 ADFF67

 83FF1A

 BBFF80

 76FF01

 C8FF9A

 75FF00

 D6FFB3

 E4FFCD

 F2FFE6

FFFFFF

# Harmonies

## Analogous

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



FDEA00



9FFF4D



00FFA0

# Triad

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



9FFF4D



00FFFF



FF8ED4

# Complementary

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



9FFF4D



AD4DFF

# 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.



FF9EFF



9FFF4D



07E9FF

# Square

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



9FFF4D



00FFFF



FFC5FF



FFA480

# Rectangle

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



9FFF4D



00FFDD



FFC5FF



FF8FF1

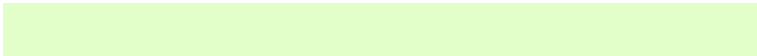


# Sweetspot

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



9FFF4D



E2FFC9



FFAC4D



6E8060



000000



808080



# Same Dimension

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



9FFF4D



8BFF29



4DFF53



798073



58BF00



1D4000



# Inverse Universe

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



AD4DFF



9C29FF



FF4DF9



7A7380



6700BF

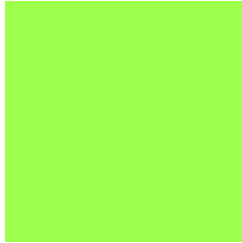


220040



# Previews

## White Background



This preview shows how the Hex color 9FFF4D looks on a white background.

## Color Contrast Check

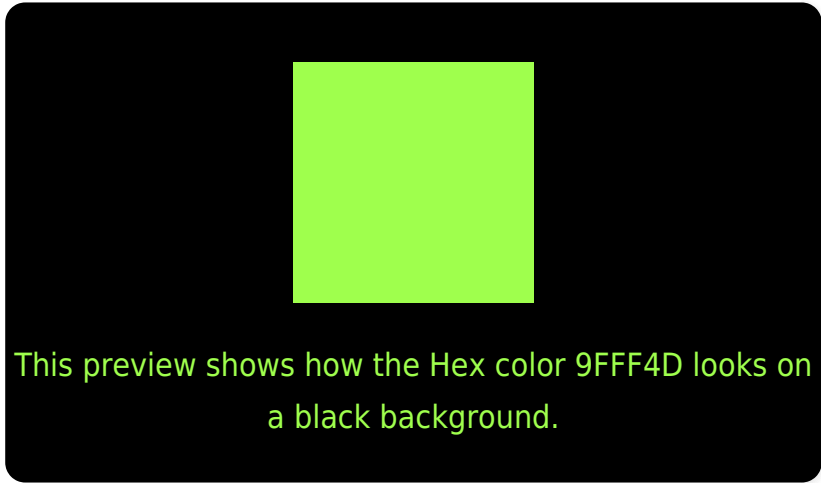
Large Text (above 18pt) WCAG AA × Fail

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

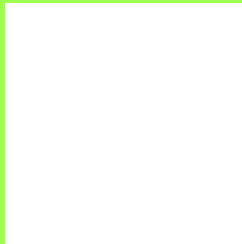
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FFF4D Background



This preview shows how black text looks on a background with the Hex color 9FFF4D.

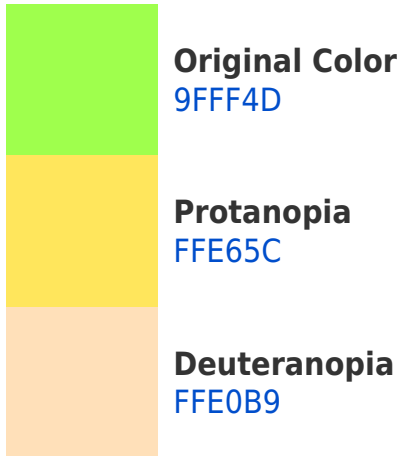


This preview shows how white text looks on a background with the Hex color 9FFF4D.

# 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

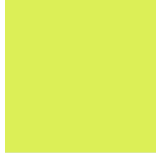




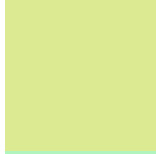
# Trichromacy



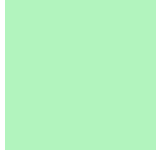
**Original Color**  
9FFF4D



**Protanomaly**  
DCEF57

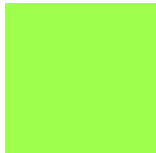


**Deuteranomaly**  
DCEB92

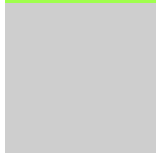


**Tritanomaly**  
B2F4BE

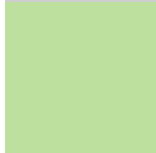
# Monochromacy



**Original Color**  
9FFF4D



**Achromatopsia**  
CECECE



**Achromatomaly**  
BDE09F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FFF4D 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 #9FFF4D looks like.

```
.text, #text, p{  
    color:#9FFF4D  
}
```

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 #9FFF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFF4D
}
```

## Border

The CSS property to change the border of an element to Hex 9FFF4D 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
#9FFF4D }
```

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

```
.border{ border-color:#9FFF4D }
```

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

Here you see how a box with a 4 pixel #9FFF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFF4D; -webkit-box-shadow:4px 4px  
4px 4px #9FFF4D; box-shadow:4px 4px 4px  
4px #9FFF4D }
```

# Background

The CSS property to change the background color of an element to Hex 9FFF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFF4D }
```

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

```
.background{ background-color:#9FFF4D }
```

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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