

# Converting Colors

Hex(9FF754)

Have a look what the booklet for  
Hex(9FF754) contains.

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**Color**

**Hex(9FF754)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FF754
RGB	159, 247, 84
RGB Percent	62%, 97%, 33%
CMY	0.3765, 0.0314, 0.6706
CMYK	0.36, 0.00, 0.66, 0.03
HSL	92°, 91%, 65%
HSV	92°, 66%, 97%
XYZ	49.1591, 74.5326, 20.1828
YIQ	202.1060, -0.1250, -69.3490

# Conversions

## Conversions Part 2

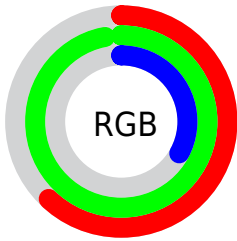
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 247, 172
Decimal	10483540
CIELab	89.17, -51.98, 67.30
CIELCh	89, 85.037, 127.683
Yxy	74.5326, 0.3417, 0.5180
Android (android.graphics.Color)	4288673620 (0xFF9FF754)
YUV	202.1060, -58.2263, -37.8040
Hunter-Lab	86.3322, -49.4404, 46.5717

# Details

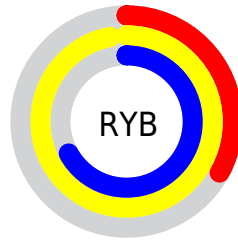
The Hex color **9FF754** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **AC54F7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DAFF8C**, and **64BE0F** is the 20% darker color. If you saturate the color by 10%, you get **92F73B**, and if you desaturate by 10%, it is **ACF76D**.

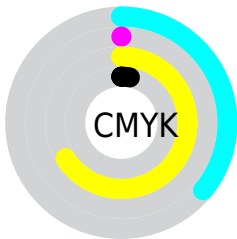
# Distribution



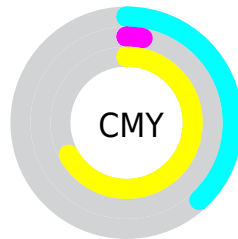
- Red (62%)
- Green (97%)
- Blue (33%)



- Red (33%)
- Yellow (97%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (66%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF754 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 9FF754 by changing the saturation by 10% instead.



 9FF754

 9FF754

FFFFFF

 82DA36

 DAFF8C

 64BE0F

 F8FFA9

 46A200

 FFFFC6


 238800

 FFFF E3

 006E00

 005400

 003C00

 002600

 000000

 9FF754

 9FF754

 92F73B

 ACF76D

 84F723

 BAF785

 77F70A

 C7F79E

 72F700

 D4F7B7

 E2F7D0

 EFF7E8

 FCF7FF

 FFF7FF

# Harmonies

## Analogous

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



F6E322



9FF754



00FF9F

# Triad

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



9FF754



00F9FF



FF91CE

# Complementary

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



9FF754



AC54F7

# 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



9FF754



43E3FF

# Square

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



9FF754



00FFFF



FEC1FF



FFA481

# Rectangle

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



9FF754



00FFD7



FEC1FF



FF91EA

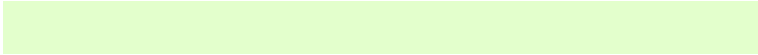


# Sweetspot

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



9FF754



E3FFCC



F7AB54



6F8061



000000



808080



# Same Dimension

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



9FF754



92FF36



54F759



747A6E



56BA00



1B3B00



# Inverse Universe

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



AC54F7



A236FF



F754F2



756E7A



6400BA

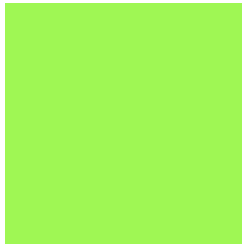


20003B



# Previews

## White Background



This preview shows how the Hex color 9FF754 looks on a white background.

## Color Contrast Check

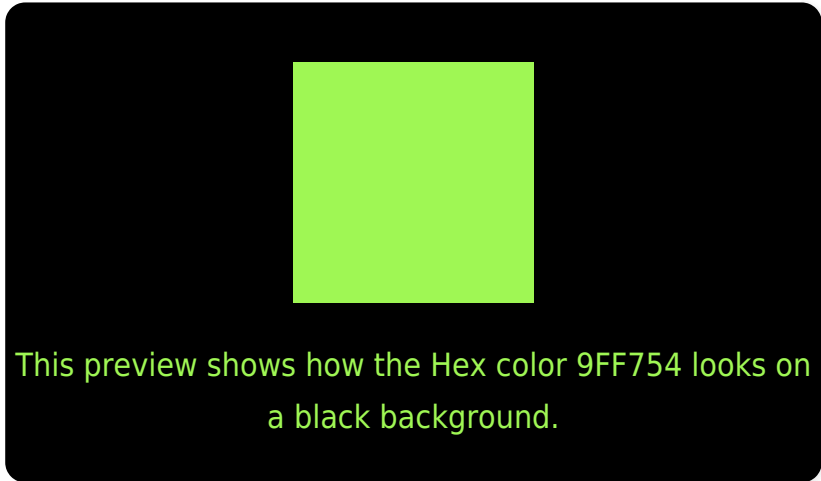
Large Text (above 18pt) WCAG AA × Fail

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 9FF754 Background



This preview shows how black text looks on a background with the Hex color 9FF754.

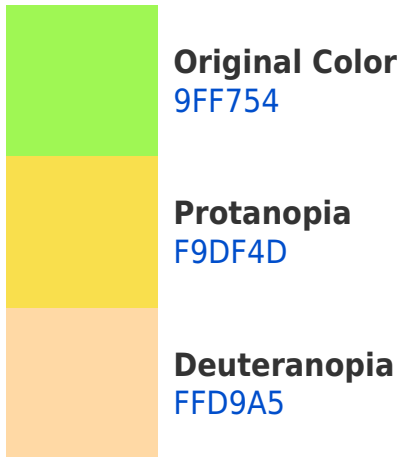


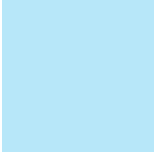
This preview shows how white text looks on a background with the Hex color 9FF754.

# 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](#).

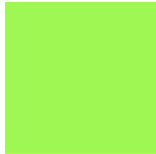
## Dichromacy



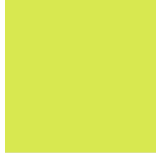


**Tritanopia**  
B7E7F9

# Trichromacy



**Original Color**  
9FF754



**Protanomaly**  
D8E850



**Deuteranomaly**  
DCE488

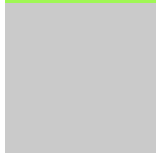


**Tritanomaly**  
AEEDBD

# Monochromacy



**Original Color**  
9FF754



**Achromatopsia**  
CACACA



**Achromatomaly**  
BADA9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF754 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 #9FF754 looks like.

```
.text, #text, p{  
    color:#9FF754  
}
```

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 #9FF754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF754
}
```

## Border

The CSS property to change the border of an element to Hex 9FF754 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
#9FF754 }
```

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

```
.border{ border-color:#9FF754 }
```

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

Here you see how a box with a 4 pixel #9FF754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF754; -webkit-box-shadow:4px 4px  
4px 4px #9FF754; box-shadow:4px 4px 4px  
4px #9FF754 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF754 }
```

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

```
.background{ background-color:#9FF754 }
```

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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