

# Converting Colors

Hex(9DFF5C)

Have a look what the booklet for  
Hex(9DFF5C) contains.

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# Color

Hex(9DFF5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	9DFF5C
RGB	157, 255, 92
RGB Percent	62%, 100%, 36%
CMY	0.3843, 0.0000, 0.6392
CMYK	0.38, 0.00, 0.64, 0.00
HSL	96°, 100%, 68%
HSV	96°, 64%, 100%
XYZ	51.5964, 79.4608, 22.7433
YIQ	207.1160, -6.0850, -71.4690

# Conversions

## Conversions Part 2

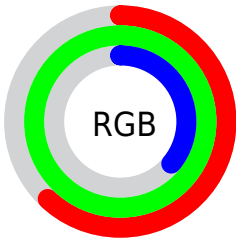
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 255, 190
Decimal	10354524
CIELab	91.44, -55.24, 66.58
CIELCh	91, 86.509, 129.680
Yxy	79.4608, 0.3355, 0.5166
Android (android.graphics.Color)	4288544604 (0xFF9DFF5C)
YUV	207.1160, -56.7522, -43.9517
Hunter-Lab	89.1408, -52.6772, 47.2714

# Details

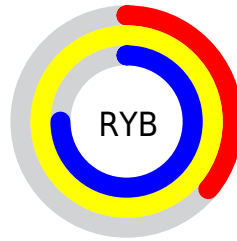
The Hex color **9DFF5C** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BE5CFF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D8FF94**, and **62C61D** is the 20% darker color. If you saturate the color by 10%, you get **8EFF43**, and if you desaturate by 10%, it is **ACFF76**.

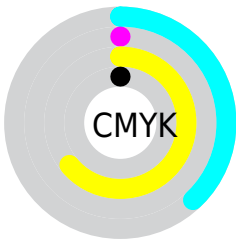
# Distribution



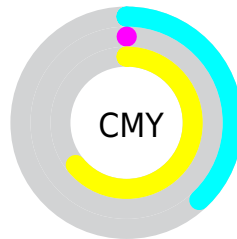
- Red (62%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DFF5C 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 9DFF5C by changing the saturation by 10% instead.



 9DFF5C

 9DFF5C

FFFFFF

 7FE23F

 D8FF94

 62C61D

 F7FFB1

 42AA00

 FFFFCE

 1B8F00

 FFFFEB

 007400

 005B00

 004200

 002C00

 000A00

 9DFF5C

 9DFF5C

 8EFF43

 ACFF76

 7EFF29

 BCFF8F

 6FFF10

 CBFFA9

 66FF00

 DAFFC2

 EAFFDC

 F9FFF5

FFFFFF

# Harmonies

## Analogous

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



F8EB27



9DFF5C



00FFA9

# Triad

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



9DFF5C



00FFFF



FF96CF

# Complementary

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



9DFF5C



BE5CFF

# 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.



FFA2FF



9DFF5C



61E7FF

# Square

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



9DFF5C



00FFFF



FFC4FF



FFAB80

# Rectangle

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



9DFF5C



00FFE3



FFC4FF



FF96EB

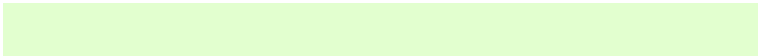


# Sweetspot

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



9DFF5C



E2FFCF



FFBE5C



6E8062



000000



808080



# Same Dimension

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



9DFF5C



89FF3B



5CFF6C



788073



4CBF00



194000



# Inverse Universe

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



BE5CFF



B13BFF



FF5CEF



7A7380



7300BF

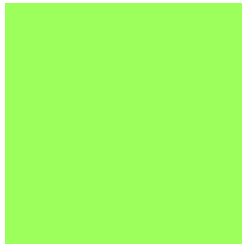


260040



# Previews

## White Background



This preview shows how the Hex color 9DFF5C looks on a white background.

## Color Contrast Check

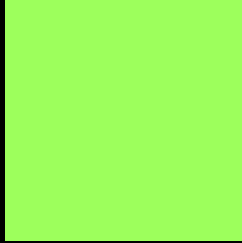
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9DFF5C looks on a 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

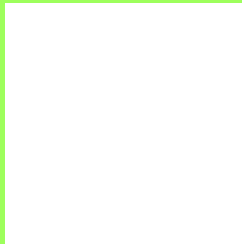
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DFF5C Background



This preview shows how black text looks on a background with the Hex color 9DFF5C.



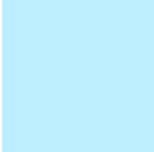
This preview shows how white text looks on a background with the Hex color 9DFF5C.

# 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**  
BCEEFF

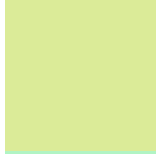
# Trichromacy



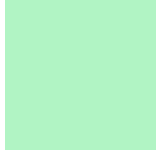
**Original Color**  
9DFF5C



**Protanomaly**  
DBEF5D

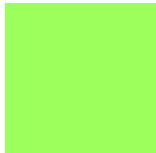


**Deuteranomaly**  
DBEB98

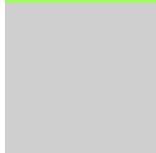


**Tritanomaly**  
B1F4C4

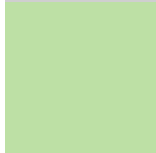
# Monochromacy



**Original Color**  
9DFF5C



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BDE0A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DFF5C 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 #9DFF5C looks like.

```
.text, #text, p{  
    color:#9DFF5C  
}
```

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 #9DFF5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DFF5C
}
```

## Border

The CSS property to change the border of an element to Hex 9DFF5C 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
#9DFF5C }
```

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

```
.border{ border-color:#9DFF5C }
```

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

Here you see how a box with a 4 pixel #9DFF5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DFF5C; -webkit-box-shadow:4px 4px  
4px 4px #9DFF5C; box-shadow:4px 4px 4px  
4px #9DFF5C }
```

# Background

The CSS property to change the background color of an element to Hex 9DFF5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DFF5C }
```

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

```
.background{ background-color:#9DFF5C }
```

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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