

Converting Colors

Hex(9AFF54)

Have a look what the booklet for
Hex(9AFF54) contains.

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Color

Hex(9AFF54)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF54
RGB	154, 255, 84
RGB Percent	60%, 100%, 33%
CMY	0.3961, 0.0000, 0.6706
CMYK	0.40, 0.00, 0.67, 0.00
HSL	95°, 100%, 66%
HSV	95°, 67%, 100%
XYZ	50.6867, 79.0301, 20.9704
YIQ	205.3070, -5.3050, -74.5930

Conversions

Conversions Part 2

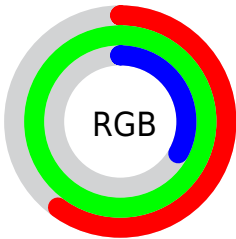
Format	Color
RYB	84, 255, 185
Decimal	10157908
CIELab	91.25, -56.81, 69.41
CIElCh	91, 89.695, 129.298
Yxy	79.0301, 0.3364, 0.5245
Android (android.graphics.Color)	4288347988 (0xFF9AFF54)
YUV	205.3070, -59.8044, -44.9962
Hunter-Lab	88.8989, -53.7993, 48.2433

Details

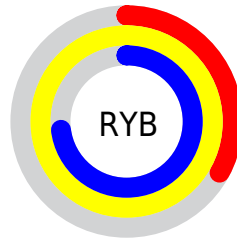
The Hex color **9AFF54** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B954FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D6FF8D**, and **5EC50B** is the 20% darker color. If you saturate the color by 10%, you get **8BFF3A**, and if you desaturate by 10%, it is **A9FF6D**.

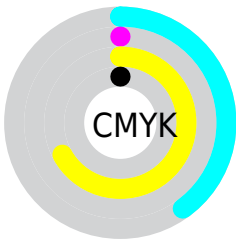
Distribution



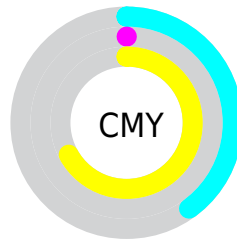
- Red (60%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AFF54 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 9AFF54 by changing the saturation by 10% instead.

 9AFF54

FFFFFF

 D6FF8D

 F4FFAA

 FFFFC6

 FFFFE4

 9AFF54

 7CE236

 5EC50B

 3DAA00

 118F00

 007400

 005A00

 004200

 002B00

 000900

 9AFF54

 9AFF54

 8BFF3A

 A9FF6D

 7CFF21

 B8FF87

 6DFF08

 C7FFA1

 68FF00

 D6FFBA

 E5FFD3

 F4FFED

FFFFFF

Harmonies

Analogous

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



F8EA11



9AFF54



00FFA6

Triad

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



9AFF54



00FFFF



FF90CF

Complementary

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



9AFF54



B954FF

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.



FF9DFF



9AFF54



4AE7FF

Square

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



9AFF54



00FFFF



FFC3FF



FFA77D

Rectangle

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



9AFF54



00FFE1



FFC3FF



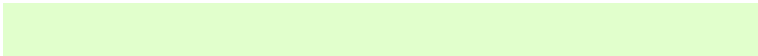
FF90EC

Sweetspot

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



9AFF54



E1FFCC



FFB854



6D8061



000000



808080

Same Dimension

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



9AFF54



87FF33



54FF62



788073



4EBF00



1A4000

Inverse Universe

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



B954FF



AB33FF



FF54F1



7A7380



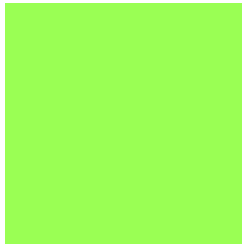
7100BF



260040

Previews

White Background



This preview shows how the Hex color 9AFF54 looks on a white background.

Color Contrast Check

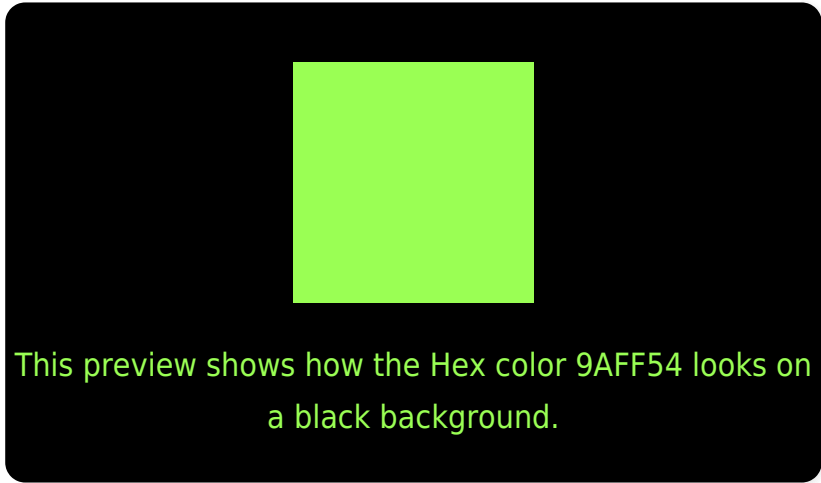
Large Text (above 18pt) WCAG AA × Fail

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

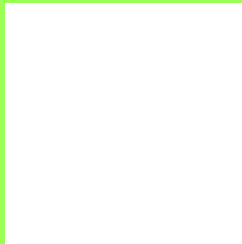
Any Text WCAG AAA ✓ Pass

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

Hex 9AFF54 Background



This preview shows how black text looks on a background with the Hex color 9AFF54.

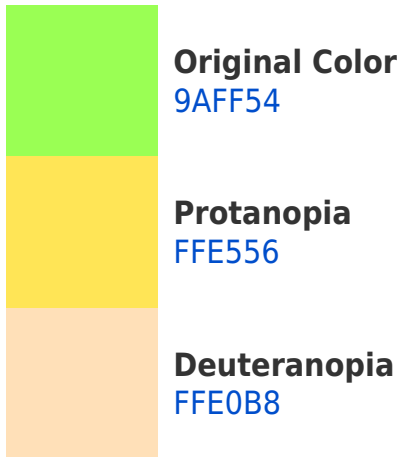


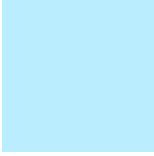
This preview shows how white text looks on a background with the Hex color 9AFF54.

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

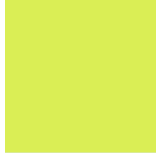




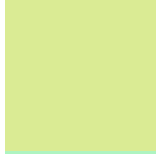
Trichromacy



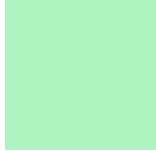
Original Color
9AFF54



Protanomaly
DAEE55

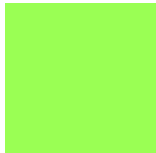


Deuteranomaly
DAEB94

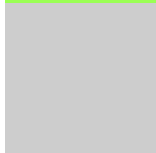


Tritanomaly
AEF4C1

Monochromacy



Original Color
9AFF54



Achromatopsia
CDCDCD



Achromatomaly
BADFA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AFF54 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 #9AFF54 looks like.

```
.text, #text, p{  
    color:#9AFF54  
}
```

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 #9AFF54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFF54
}
```

Border

The CSS property to change the border of an element to Hex 9AFF54 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
#9AFF54 }
```

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

```
.border{ border-color:#9AFF54 }
```

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

Here you see how a box with a 4 pixel #9AFF54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFF54; -webkit-box-shadow:4px 4px  
4px 4px #9AFF54; box-shadow:4px 4px 4px  
4px #9AFF54 }
```

Background

The CSS property to change the background color of an element to Hex 9AFF54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFF54 }
```

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

```
.background{ background-color:#9AFF54 }
```

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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