

# Converting Colors

Hex(A4FF5F)

Have a look what the booklet for  
Hex(A4FF5F) contains.

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# Color

Hex(A4FF5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	A4FF5F
RGB	164, 255, 95
RGB Percent	64%, 100%, 37%
CMY	0.3569, 0.0000, 0.6275
CMYK	0.36, 0.00, 0.63, 0.00
HSL	94°, 100%, 69%
HSV	94°, 63%, 100%
XYZ	53.1354, 80.2387, 23.5136
YIQ	209.5510, -2.8760, -69.0520

# Conversions

## Conversions Part 2

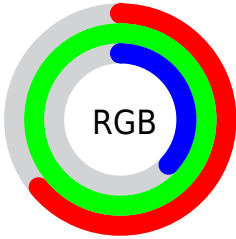
Format	Color
<a href="#">RYB</a>	<a href="#">95, 255, 186</a>
Decimal	<a href="#">10813279</a>
CIELab	<a href="#">91.79, -52.73, 65.86</a>
CIELCh	<a href="#">92, 84.363, 128.682</a>
Yxy	<a href="#">80.2387, 0.3387, 0.5114</a>
Android (android.graphics.Color)	<a href="#">4289003359</a> ( <a href="#">0xFFA4FF5F</a> )
YUV	<a href="#">209.5510, -56.4736, -39.9482</a>
Hunter-Lab	<a href="#">89.5761, -50.8742, 47.1397</a>

# Details

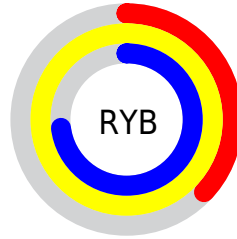
The Hex color **A4FF5F** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BA5FFF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **DFFF97**, and **69C622** is the 20% darker color. If you saturate the color by 10%, you get **95FF45**, and if you desaturate by 10%, it is **B3FF79**.

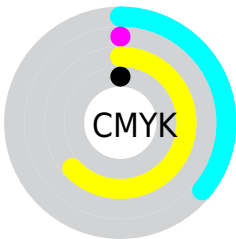
# Distribution



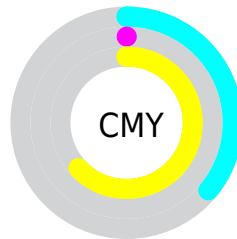
- Red (64%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4FF5F 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 A4FF5F by changing the saturation by 10% instead.



 A4FF5F

 A4FF5F

FFFFFF

 87E242

 DFFF97

 69C622

 FDFFB4

 4BAA00

 FFFFD0

 298F00

 FFFFEE

 007500

 005B00

 004200

 002D00

 000C00

 A4FF5F

 A4FF5F

 95FF45

 B3FF79

 87FF2C

 C1FF92

 78FF12

 D0FFAC

 6EFF00

 DEFFC5

 EDFFDF

 FBFFF8

FFFFFF

# Harmonies

## Analogous

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



FBEB30



A4FF5F



00FFA9

# Triad

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



A4FF5F



00FFFF



FF9AD3

# Complementary

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



A4FF5F



BA5FFF

# 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.



FFA6FF



A4FF5F



62E9FF

# Square

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



A4FF5F



00FFFF



FFC8FF



FFAD86

# Rectangle

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



A4FF5F



00FFE1



FFC8FF



FF9AEF

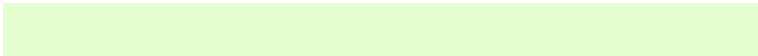


# Sweetspot

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



A4FF5F



E3FFCF



FFBA5F



6F8062



000000



808080



# Same Dimension

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



A4FF5F



92FF40



5FFF6A



788073



52BF00



1B4000



# Inverse Universe

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



BA5FFF



AD40FF



FF5FF4



7A7380



6D00BF

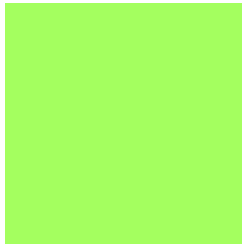


240040



# Previews

## White Background



This preview shows how the Hex color A4FF5F looks on a white background.

## Color Contrast Check

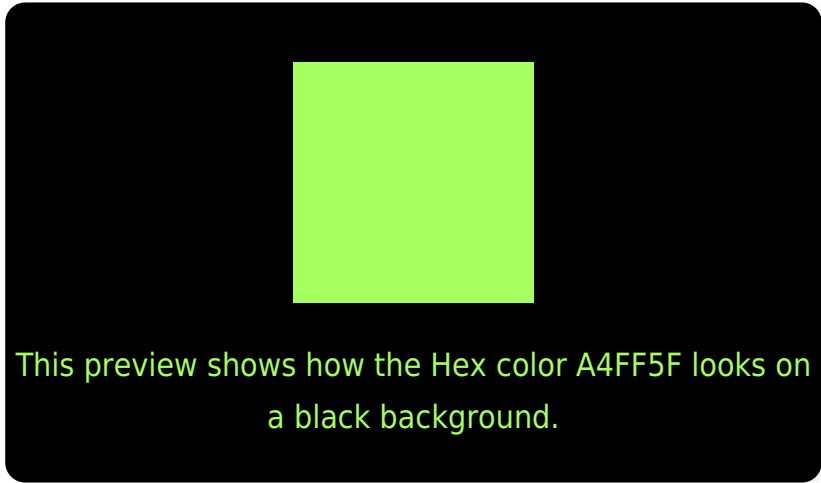
Large Text (above 18pt) WCAG AA × Fail

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

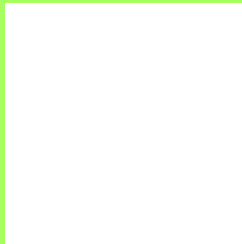
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4FF5F Background



This preview shows how black text looks on a background with the Hex color A4FF5F.

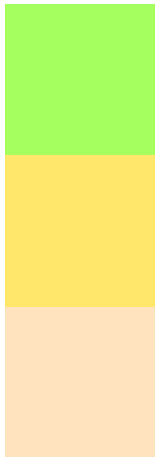


This preview shows how white text looks on a background with the Hex color A4FF5F.

# 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



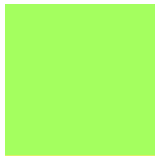
**Original Color**  
A4FF5F

**Protanopia**  
FFE76B

**Deuteranopia**  
FFE2BE



# Trichromacy



**Original Color**

A4FF5F



**Protanomaly**

DEF067



**Deuteranomaly**

DEED9B



**Tritanomaly**

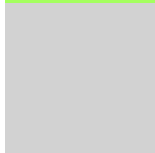
B7F4C5

# Monochromacy



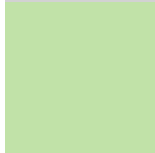
**Original Color**

A4FF5F



**Achromatopsia**

D2D2D2



**Achromatomaly**

C1E2A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4FF5F 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 #A4FF5F looks like.

```
.text, #text, p{  
    color:#A4FF5F  
}
```

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 #A4FF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4FF5F
}
```

## Border

The CSS property to change the border of an element to Hex A4FF5F 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
#A4FF5F }
```

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

```
.border{ border-color:#A4FF5F }
```

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

Here you see how a box with a 4 pixel #A4FF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4FF5F; -webkit-box-shadow:4px 4px  
4px 4px #A4FF5F; box-shadow:4px 4px 4px  
4px #A4FF5F }
```

# Background

The CSS property to change the background color of an element to Hex A4FF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4FF5F }
```

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

```
.background{ background-color:#A4FF5F }
```

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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