

# Converting Colors

Hex(A4FF3D)

Have a look what the booklet for  
Hex(A4FF3D) contains.

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# Color

Hex(A4FF3D)

# Conversions

## Conversions Part 1

Format	Color
Hex	A4FF3D
RGB	164, 255, 61
RGB Percent	64%, 100%, 24%
CMY	0.3569, 0.0000, 0.7608
CMYK	0.36, 0.00, 0.76, 0.00
HSL	88°, 100%, 62%
HSV	88°, 76%, 100%
XYZ	51.9121, 79.7494, 17.0720
YIQ	205.6750, 8.0380, -79.6260

# Conversions

## Conversions Part 2

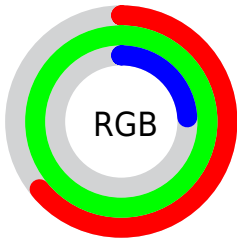
Format	Color
<a href="#">RYB</a>	<a href="#">61, 255, 152</a>
Decimal	<a href="#">10813245</a>
CIELab	<a href="#">91.57, -54.97, 77.62</a>
CIElCh	<a href="#">92, 95.113, 125.302</a>
Yxy	<a href="#">79.7494, 0.3490, 0.5362</a>
Android (android.graphics.Color)	<a href="#">4289003325 (0xFFA4FF3D)</a>
YUV	<a href="#">205.6750, -71.3248, -36.5490</a>
Hunter-Lab	<a href="#">89.3025, -52.5162, 51.1773</a>

# Details

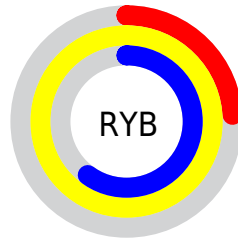
The Hex color **A4FF3D** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **983DFF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E0FF7A**, and **68C600** is the 20% darker color. If you saturate the color by 10%, you get **98FF23**, and if you desaturate by 10%, it is **B0FF57**.

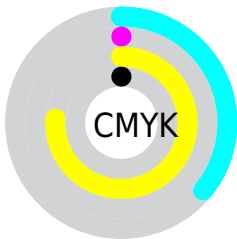
# Distribution



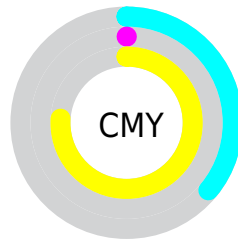
- Red (64%)
- Green (100%)
- Blue (24%)



- Red (24%)
- Yellow (100%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4FF3D 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 A4FF3D by changing the saturation by 10% instead.



 A4FF3D

 A4FF3D

FFFFFF

 86E213

 E0FF7A

 68C600

 FFFF97

 49AA00

 FFFFB4

 248F00

 FFFF D2

 007400

 FFFFF0

 005B00

 004200

 002C00

 000B00

 A4FF3D

 A4FF3D

 98FF23

 B0FF57

 8CFF0A

 BCFF70

 87FF00

 C8FF8A

 D4FFA3

 E0FFBD

 ECFFD6

 F8FFF0

FFFFFF

# Harmonies

## Analogous

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



FFE800



A4FF3D



00FF96

# Triad

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



A4FF3D



00FFFF



FF88DA

# Complementary

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



A4FF3D



983DFF

# 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.



FF9CFF



A4FF3D



00EDFF

# Square

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



A4FF3D



00FFFF



FCC7FF



FF9E82

# Rectangle

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



A4FF3D



00FFD5



FCC7FF



FF8AF9

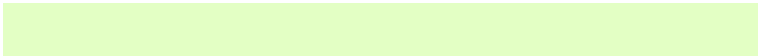


# Sweetspot

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



A4FF3D



E3FFC4



FF983D



6F805C



000000



808080



# Same Dimension

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



A4FF3D



92FF17



43FF3D



7A8073



66BF00



224000



# Inverse Universe

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



983DFF



8417FF



F93DFF



797380



5A00BF

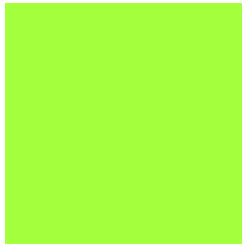


1E0040



# Previews

## White Background



This preview shows how the Hex color A4FF3D looks on a white background.

## Color Contrast Check

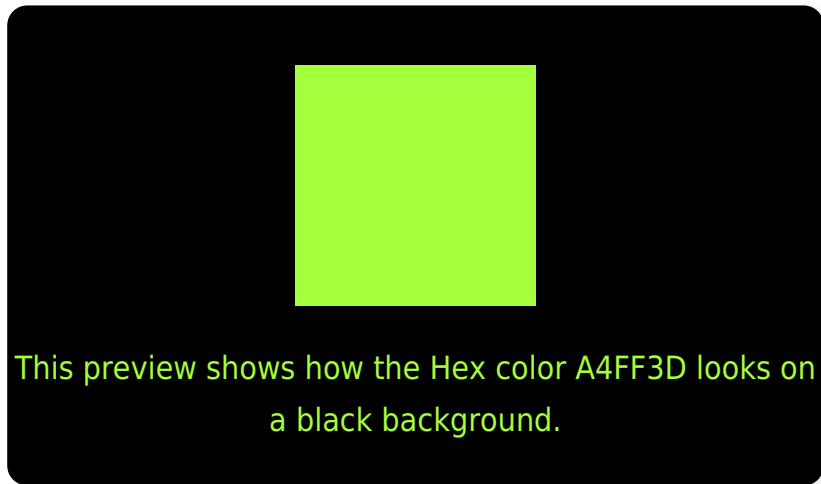
Large Text (above 18pt) WCAG AA × Fail

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

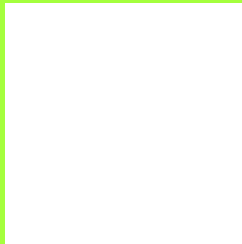
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4FF3D Background



This preview shows how black text looks on a background with the Hex color A4FF3D.

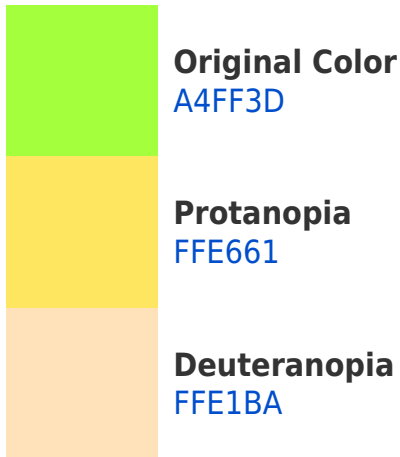


This preview shows how white text looks on a background with the Hex color A4FF3D.

# Color Blindness Simulation

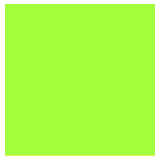
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
A4FF3D



**Protanomaly**  
DEEF54



**Deuteranomaly**  
DEEC8D

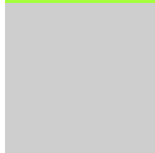


**Tritanomaly**  
B6F4B8

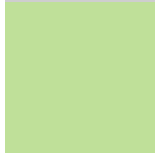
# Monochromacy



**Original Color**  
A4FF3D



**Achromatopsia**  
CECECE



**Achromatomaly**  
BFE099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4FF3D 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 #A4FF3D looks like.

```
.text, #text, p{  
    color:#A4FF3D  
}
```

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 #A4FF3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4FF3D
}
```

## Border

The CSS property to change the border of an element to Hex A4FF3D 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
#A4FF3D }
```

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

```
.border{ border-color:#A4FF3D }
```

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

Here you see how a box with a 4 pixel #A4FF3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4FF3D; -webkit-box-shadow:4px 4px  
4px 4px #A4FF3D; box-shadow:4px 4px 4px  
4px #A4FF3D }
```

# Background

The CSS property to change the background color of an element to Hex A4FF3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4FF3D }
```

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

```
.background{ background-color:#A4FF3D }
```

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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