

# Converting Colors

Hex(AFFF39)

Have a look what the booklet for  
Hex(AFFF39) contains.

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# Color

Hex(AFFF39)

# Conversions

## Conversions Part 1

Format	Color
Hex	AFFF39
RGB	175, 255, 57
RGB Percent	69%, 100%, 22%
CMY	0.3137, 0.0000, 0.7765
CMYK	0.31, 0.00, 0.78, 0.00
HSL	84°, 100%, 61%
HSV	84°, 78%, 100%
XYZ	54.1777, 80.9294, 16.6364
YIQ	208.5080, 15.8780, -78.5380

# Conversions

## Conversions Part 2

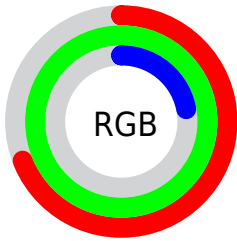
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 255, 137
Decimal	11534137
CIELab	92.10, -51.38, 79.46
CIELCh	92, 94.623, 122.888
Yxy	80.9294, 0.3570, 0.5333
Android (android.graphics.Color)	4289724217 (0xFFAFF39)
YUV	208.5080, -74.6934, -29.3865
Hunter-Lab	89.9608, -49.9320, 52.0081

# Details

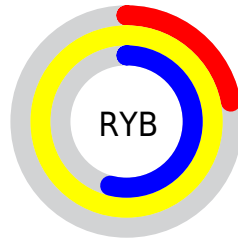
The Hex color **AFFF39** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **8939FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EBFF77**, and **74C600** is the 20% darker color. If you saturate the color by 10%, you get **A5FF1F**, and if you desaturate by 10%, it is **B9FF52**.

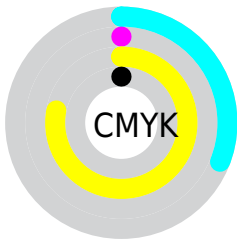
# Distribution



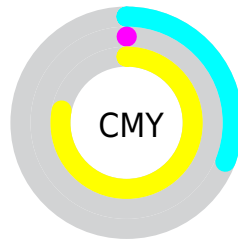
- Red (69%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (54%)



- Cyan (31%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFFF39 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 AFFF39 by changing the saturation by 10% instead.



 AFFF39

 AFFF39

FFFFFF

 91E207

 EBFF77

 74C600

 FFFF94

 55AA00

 FFFFB2

 358F00

 FFFF94

 047500

 FFFFED

 005B00

 004300

 002D00

 000E00

 AFFF39

 AFFF39

 A5FF1F

 B9FF52

 9AFF06

 C4FF6C

 98FF00

 CEFF85

 D8FF9F

 E3FFB8

 EDFFD2

 F7FFE8

FFFFFF

# Harmonies

## Analogous

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



FFE700



AFF39



00FF91

# Triad

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



AFFF39



00FFFF



FF8AE3

# Complementary

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



AFFF39



8939FF

# 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



AFFF39



00F0FF

# Square

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



AFFF39



00FFFF



F3CCFF



FF9D8B

# Rectangle

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



AFFF39



00FFCF



F3CCFF



FF8EFF

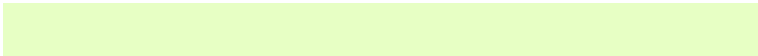


# Sweetspot

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



AFFF39



E7FFC4



FF8839



71805C



000000



808080



# Same Dimension

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



AFFF39



9FFF12



4DFF39



7A8073



72BF00



264000



# Inverse Universe

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



8939FF



7212FF



EB39FF



787380



4D00BF

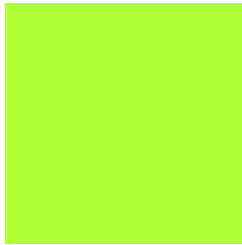


1A0040



# Previews

## White Background



This preview shows how the Hex color AFFF39 looks on a white background.

## Color Contrast Check

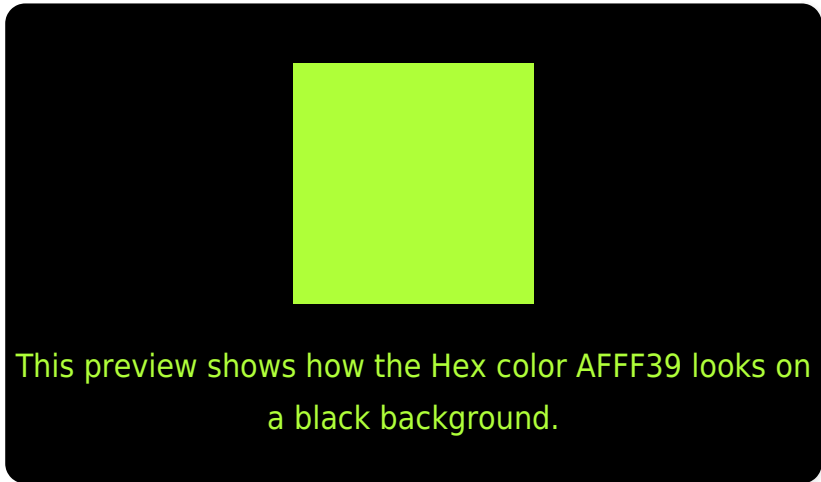
Large Text (above 18pt) WCAG AA × Fail

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 AFFF39 Background



This preview shows how black text looks on a background with the Hex color AFFF39.

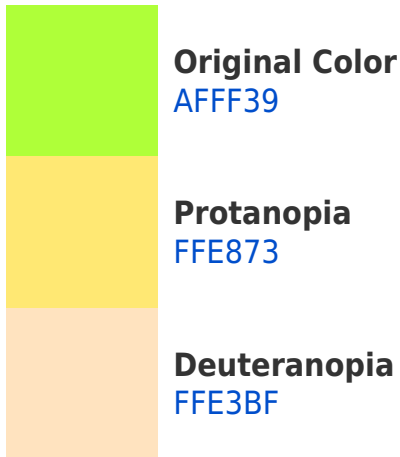


This preview shows how white text looks on a background with the Hex color AFFF39.

# Color Blindness Simulation

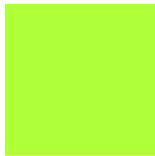
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

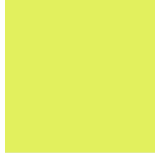




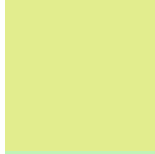
# Trichromacy



**Original Color**  
AFFF39



**Protanomaly**  
E2F05E

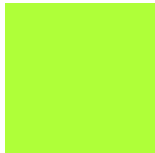


**Deuteranomaly**  
E2ED8E

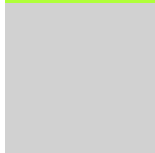


**Tritanomaly**  
C0F4B7

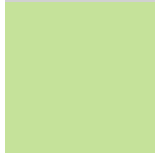
# Monochromacy



**Original Color**  
AFFF39



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C5E29A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFFF39 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 #AFFF39 looks like.

```
.text, #text, p{  
    color:#AFFF39  
}
```

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 #AFFF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFFF39
}
```

## Border

The CSS property to change the border of an element to Hex AFFF39 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
#AFFF39 }
```

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

```
.border{ border-color:#AFFF39 }
```

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

Here you see how a box with a 4 pixel #AFFF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFFF39; -webkit-box-shadow:4px 4px  
4px 4px #AFFF39; box-shadow:4px 4px 4px  
4px #AFFF39 }
```

# Background

The CSS property to change the background color of an element to Hex AFFF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFFF39 }
```

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

```
.background{ background-color:#AFFF39 }
```

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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