

Converting Colors

Hex(AFFF69)

Have a look what the booklet for
Hex(AFFF69) contains.

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Color

Hex(AFFF69)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF69
RGB	175, 255, 105
RGB Percent	69%, 100%, 41%
CMY	0.3137, 0.0000, 0.5882
CMYK	0.31, 0.00, 0.59, 0.00
HSL	92°, 100%, 71%
HSV	92°, 59%, 100%
XYZ	55.9890, 81.6539, 26.1744
YIQ	213.9800, 0.4700, -63.6100

Conversions

Conversions Part 2

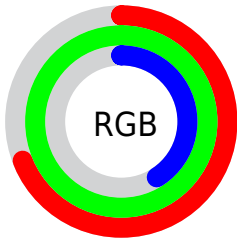
Format	Color
RYB	105, 255, 185
Decimal	11534185
CIELab	92.42, -48.20, 62.58
CIElCh	92, 78.987, 127.603
Yxy	81.6539, 0.3418, 0.4984
Android (android.graphics.Color)	4289724265 (0xFFAFF69)
YUV	213.9800, -53.7271, -34.1855
Hunter-Lab	90.3625, -47.5351, 46.0798

Details

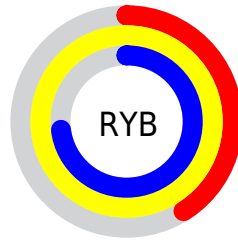
The Hex color **AFF69** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **B969FF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EAF6A1**, and **75C630** is the 20% darker color. If you saturate the color by 10%, you get **A1FF50**, and if you desaturate by 10%, it is **BDFF83**.

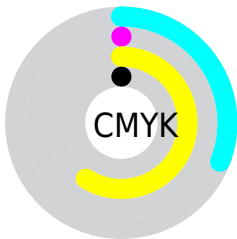
Distribution



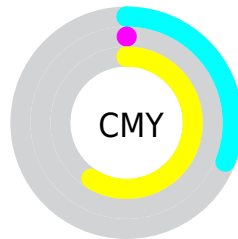
- Red (69%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFFF69 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 AFFF69 by changing the saturation by 10% instead.

 AFFF69

 AFFF69

FFFFFF

 92E24D

 EAFFA1

 75C630

 FFFFBD

 59AA08

 FFFFDA

 3B8F00

 FFFFF7

 167500

 005C00

 004300

 002D00

 001000

 AFFF69

 AFFF69

 A1FF50

 BDFF83

 94FF36

 CAFF9C

 86FF1C

 D8FFB5

 79FF03

 E5FFCF

 77FF00

 F3FFE9

FFFFFF

Harmonies

Analogous

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



FFEC44



AFFF69



00FFAC

Triad

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



AFFF69



00FFFF



FFA3D9

Complementary

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



AFFF69



B969FF

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.



FFAFFF



AFFF69



71EBFF

Square

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



AFFF69



00FFFF



FFCDDF



FFB390

Rectangle

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



AFFF69



00FFE0



FFCDDF



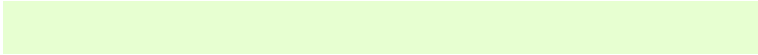
FFA4F3

Sweetspot

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



AFFF69



E7FFD1



FFB969



718063



000000



808080

Same Dimension

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



AFFF69



9EFF4A



69FF6E



798073



59BF00



1E4000

Inverse Universe

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



B969FF



AB4AFF



FF69FA



7A7380



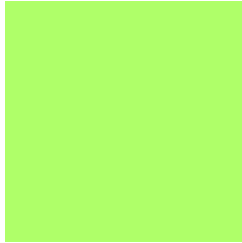
6600BF



220040

Previews

White Background



This preview shows how the Hex color AFFF69 looks on a white background.

Color Contrast Check

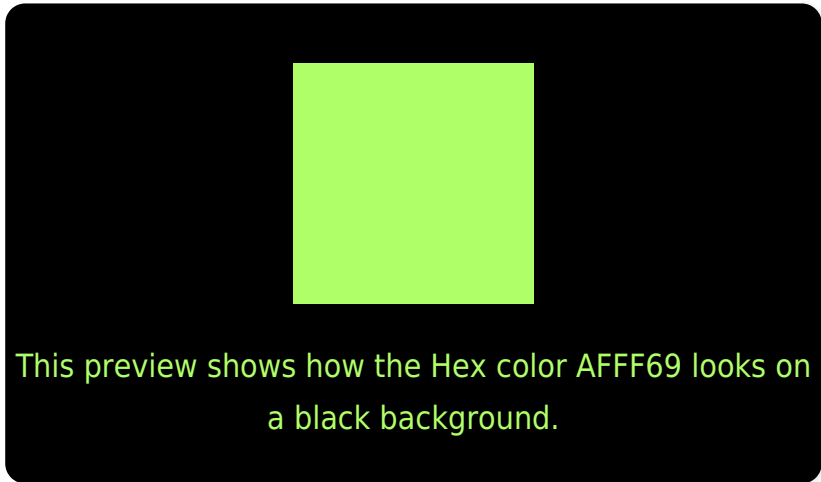
Large Text (above 18pt) WCAG AA × Fail

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 AFFF69 Background



This preview shows how black text looks on a background with the Hex color AFFF69.

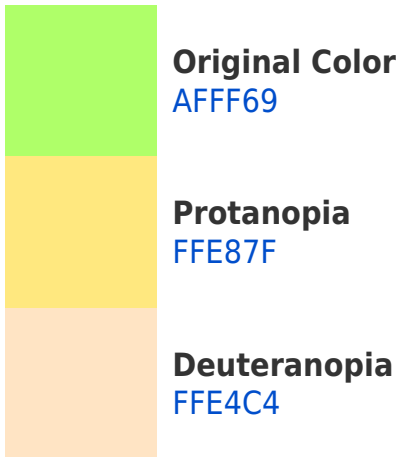


This preview shows how white text looks on a background with the Hex color AFFF69.

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



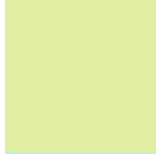
Trichromacy



Original Color
AFFF69



Protanomaly
E2F077

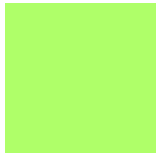


Deuteranomaly
E2EEA3

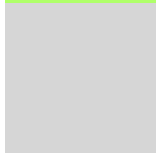


Tritanomaly
C0F4C8

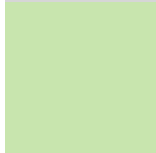
Monochromacy



Original Color
AFFF69



Achromatopsia
D6D6D6



Achromatomaly
C8E5AE

CSS Examples

Text

The CSS property to change the color of the text to Hex AFFF69 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 #AFFF69 looks like.

```
.text, #text, p{  
    color:#AFFF69  
}
```

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 #AFFF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFFF69
}
```

Border

The CSS property to change the border of an element to Hex AFFF69 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
#AFFF69 }
```

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

```
.border{ border-color:#AFFF69 }
```

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

Here you see how a box with a 4 pixel #AFFF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFFF69; -webkit-box-shadow:4px 4px  
4px 4px #AFFF69; box-shadow:4px 4px 4px  
4px #AFFF69 }
```

Background

The CSS property to change the background color of an element to Hex AFFF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFFF69 }
```

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

```
.background{ background-color:#AFFF69 }
```

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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