

# Converting Colors

Hex(AFFF82)

Have a look what the booklet for  
Hex(AFFF82) contains.

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# Color

Hex(AFFF82)

# Conversions

## Conversions Part 1

Format	Color
Hex	AFFF82
RGB	175, 255, 130
RGB Percent	69%, 100%, 51%
CMY	0.3137, 0.0000, 0.4902
CMYK	0.31, 0.00, 0.49, 0.00
HSL	98°, 100%, 75%
HSV	98°, 49%, 100%
XYZ	57.4685, 82.2457, 33.9652
YIQ	216.8300, -7.5550, -55.8350

# Conversions

## Conversions Part 2

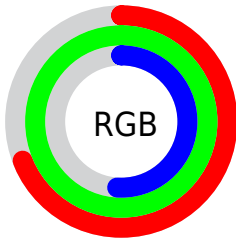
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 255, 210
Decimal	11534210
CIELab	92.68, -45.66, 51.74
CIElCh	93, 69.012, 131.427
Yxy	82.2457, 0.3309, 0.4735
Android (android.graphics.Color)	4289724290 (0xFFAFF82)
YUV	216.8300, -42.8072, -36.6849
Hunter-Lab	90.6894, -45.5938, 41.2772

# Details

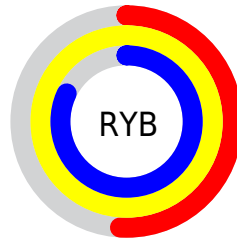
The Hex color **AFFF82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D282FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E9FFB9**, and **76C64D** is the 20% darker color. If you saturate the color by 10%, you get **9FFF69**, and if you desaturate by 10%, it is **BFFF9B**.

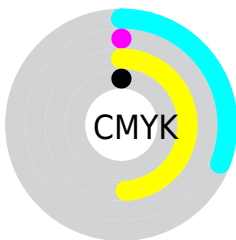
# Distribution



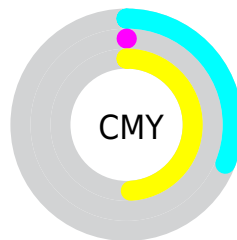
- Red (69%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFFF82 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 AFFF82 by changing the saturation by 10% instead.



 AFFF82

FFFFFF

 E9FFB9

 FFFFD6

 FFFFF2

 AFFF82

 93E267

 76C64D

 5AAA32

 3E8F14

 1D7500

 005C00

 004300

 002D00

 001100

 AFFF82

 AFFF82

 9FFF69

 BFFF9B

 8EFF4F

 D0FFB5

 7EFF35

 E0FFCF

 6EFF1C

 F0FFE8

 5DFF02

FFFFFF

 5CFF00

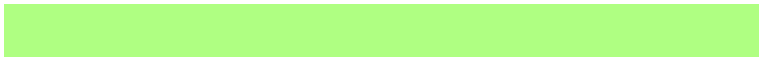
# Harmonies

## Analogous

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



F8EF61



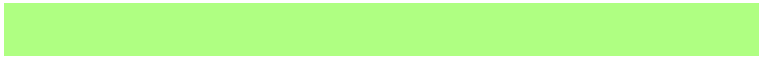
AFFF82



3AFFBD

# Triad

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



AFFF82



00DFF



FFB1D3

# Complementary

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



AFFF82



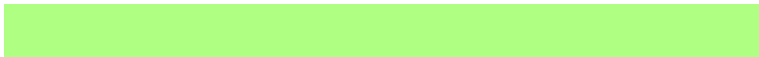
D282FF

# 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.



FFB7FF



AFFF82



A4E8FF

# Square

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



AFFF82



00FFFF



FFCEFF



FFBF95

# Rectangle

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



AFFF82



00FFEB



FFCEFF



FFB0E9

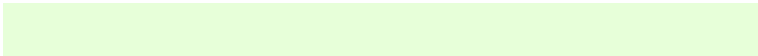


# Sweetspot

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



AFFF82



E7FFD9



FFD182



718069



000000



808080



# Same Dimension

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



AFFF82



9FFF69



82FF93



778073



45BF00



174000



# Inverse Universe

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



D282FF



C969FF



FF82EE



7B7380



7A00BF

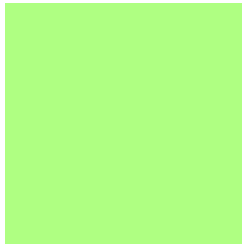


290040



# Previews

## White Background



This preview shows how the Hex color AFFF82 looks on a white background.

## Color Contrast Check

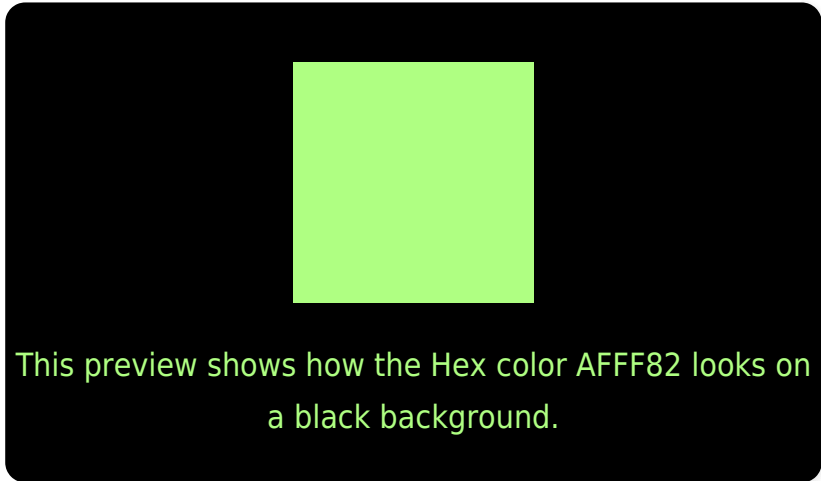
Large Text (above 18pt) WCAG AA × Fail

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 AFFF82 Background



This preview shows how black text looks on a background with the Hex color AFFF82.

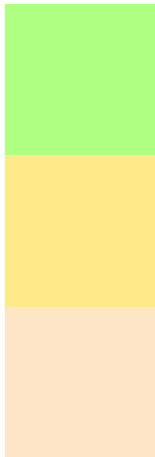


This preview shows how white text looks on a background with the Hex color AFFF82.

# 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**  
FFFF82

**Protanopia**  
FFE988

**Deuteranopia**  
FFE5C8



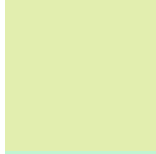
# Trichromacy



**Original Color**  
AFFF82



**Protanomaly**  
E2F186



**Deuteranomaly**  
E2EEAF

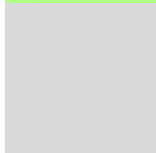


**Tritanomaly**  
C1F5D2

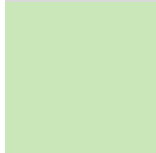
# Monochromacy



**Original Color**  
AFFF82



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
CAE7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFFF82 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 #AFFF82 looks like.

```
.text, #text, p{  
    color:#AFFF82  
}
```

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 #AFFF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFFF82
}
```

## Border

The CSS property to change the border of an element to Hex AFFF82 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
#AFFF82 }
```

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

```
.border{ border-color:#AFFF82 }
```

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

Here you see how a box with a 4 pixel #AFFF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFFF82; -webkit-box-shadow:4px 4px  
4px 4px #AFFF82; box-shadow:4px 4px 4px  
4px #AFFF82 }
```

# Background

The CSS property to change the background color of an element to Hex AFFF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFFF82 }
```

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

```
.background{ background-color:#AFFF82 }
```

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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