

Converting Colors

Hex(AFFF80)

Have a look what the booklet for
Hex(AFFF80) contains.

Hex(AFFF80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AFFF80)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF80
RGB	175, 255, 128
RGB Percent	69%, 100%, 50%
CMY	0.3137, 0.0000, 0.4980
CMYK	0.31, 0.00, 0.50, 0.00
HSL	98°, 100%, 75%
HSV	98°, 50%, 100%
XYZ	57.3355, 82.1925, 33.2649
YIQ	216.6020, -6.9130, -56.4570

Conversions

Conversions Part 2

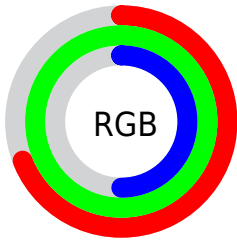
Format	Color
RYB	128, 255, 208
Decimal	11534208
CIELab	92.66, -45.89, 52.64
CIELCh	93, 69.836, 131.078
Yxy	82.1925, 0.3318, 0.4757
Android (android.graphics.Color)	4289724288 (0xFFAFF8)
YUV	216.6020, -43.6808, -36.4850
Hunter-Lab	90.6601, -45.7677, 41.7074

Details

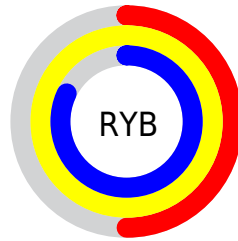
The Hex color **AFFF80** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D080FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E9FFB7**, and **76C64B** is the 20% darker color. If you saturate the color by 10%, you get **9FFF67**, and if you desaturate by 10%, it is **BFFF9A**.

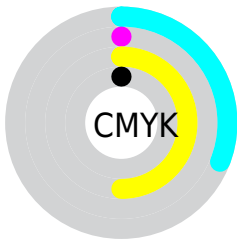
Distribution



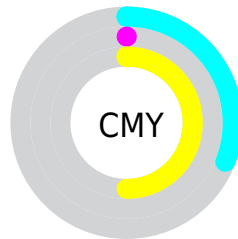
- Red (69%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFFF80 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 AFFF80 by changing the saturation by 10% instead.

 AFFF80

FFFFFF

 E9FFB7

 FFFFD3

 FFFFF0

 AFFF80

 93E265

 76C64B

 5AAA30

 3D8F10

 1C7500

 005C00

 004300

 002D00

 001100

 AFFF80

 AFFF80

 9FFF67

 BFFF9A

 8FFF4D

 CFFFB3

 7FFF33

 DFFLCD

 6FFF1A

 EFFF6

 5FFF00

FFFFFF

 5EFF00

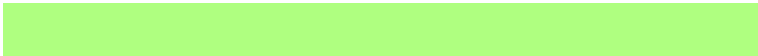
Harmonies

Analogous

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



F8EE5F



AFFF80



37FFBC

Triad

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



AFFF80



00DFF



FFAFD3

Complementary

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



AFFF80



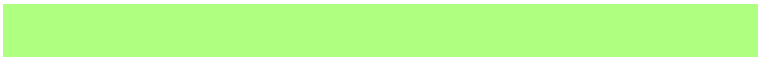
D080FF

Split Complementary

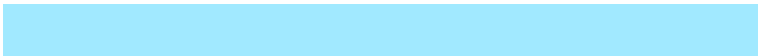
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



AFFF80



A1E9FF

Square

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



AFFF80



00FFFF



FFCEFF



FFBE95

Rectangle

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



AFFF80



00FFEA



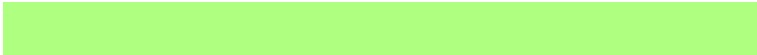
FFCEFF



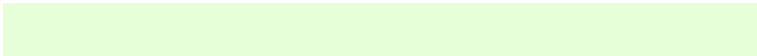
FFAFEA

Sweetspot

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



AFFF80



E7FFD9



FFCE80



718069



000000



808080

Same Dimension

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



AFFF80



9FFF66



80FF8F



778073



47BF00



184000

Inverse Universe

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



D080FF



C666FF



FF80F0



7B7380



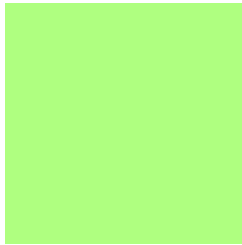
7800BF



280040

Previews

White Background



This preview shows how the Hex color AFFF80 looks on a white background.

Color Contrast Check

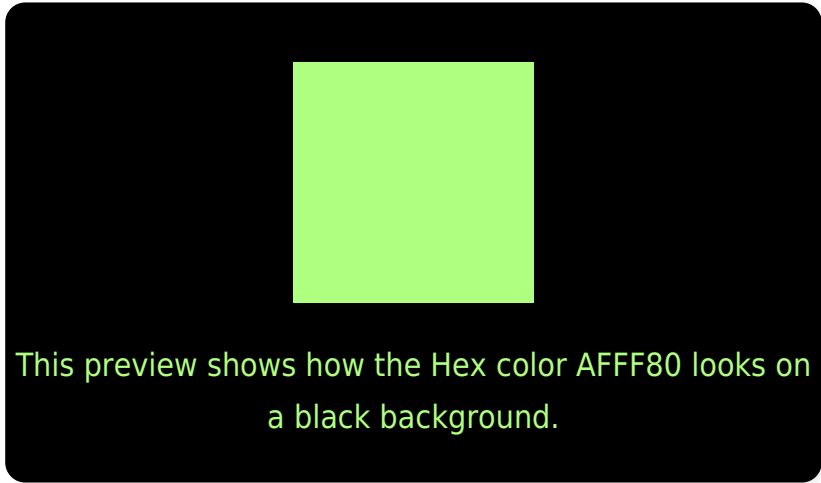
Large Text (above 18pt) WCAG AA × Fail

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

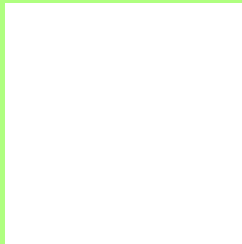
Any Text WCAG AAA ✓ Pass

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

Hex AFFF80 Background



This preview shows how black text looks on a background with the Hex color AFFF80.

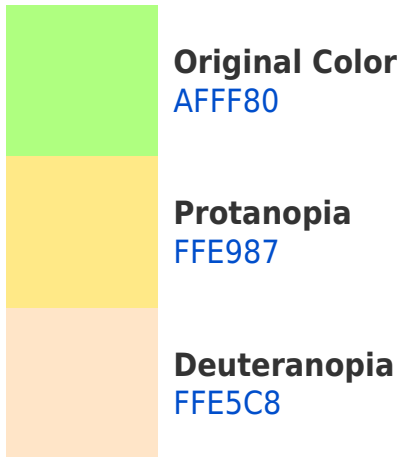


This preview shows how white text looks on a background with the Hex color AFFF80.

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](#).

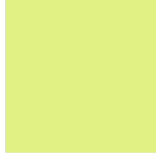
Dichromacy



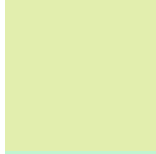
Trichromacy



Original Color
AFFF80



Protanomaly
E2F184

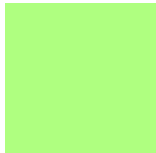


Deuteranomaly
E2EEAE

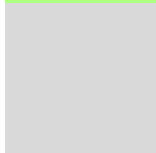


Tritanomaly
C1F5D1

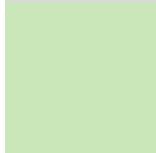
Monochromacy



Original Color
AFFF80



Achromatopsia
D9D9D9



Achromatomaly
CAE7B9

CSS Examples

Text

The CSS property to change the color of the text to Hex AFFF80 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 #AFFF80 looks like.

```
.text, #text, p{  
    color:#AFFF80  
}
```

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 #AFFF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFFF80
}
```

Border

The CSS property to change the border of an element to Hex AFFF80 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
#AFFF80 }
```

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

```
.border{ border-color:#AFFF80 }
```

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

Here you see how a box with a 4 pixel #AFFF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFFF80; -webkit-box-shadow:4px 4px  
4px 4px #AFFF80; box-shadow:4px 4px 4px  
4px #AFFF80 }
```

Background

The CSS property to change the background color of an element to Hex AFFF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFFF80 }
```

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

```
.background{ background-color:#AFFF80 }
```

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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