

Converting Colors

Hex(AFFFB0)

Have a look what the booklet for
Hex(AFFFB0) contains.

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Color

Hex(AFFFB0)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF80
RGB	175, 255, 176
RGB Percent	69%, 100%, 69%
CMY	0.3137, 0.0000, 0.3098
CMYK	0.31, 0.00, 0.31, 0.00
HSL	121°, 100%, 84%
HSV	121°, 31%, 100%
XYZ	61.2757, 83.7685, 54.0137
YIQ	222.0740, -22.3210, -41.5290

Conversions

Conversions Part 2

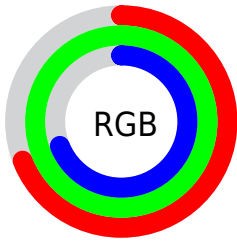
Format	Color
RYB	175, 254, 255
Decimal	11534256
CIELab	93.35, -39.40, 30.21
CIELCh	93, 49.649, 142.519
Yxy	83.7685, 0.3078, 0.4208
Android (android.graphics.Color)	4289724336 (0xFFAFFFB0)
YUV	222.0740, -22.7145, -41.2839
Hunter-Lab	91.5252, -40.6641, 29.0776

Details

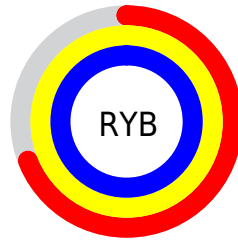
The Hex color **AFFFB0** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FFAFFE**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **E8FFE8**, and **78C67B** is the 20% darker color. If you saturate the color by 10%, you get **95FF97**, and if you desaturate by 10%, it is **C9FFC9**.

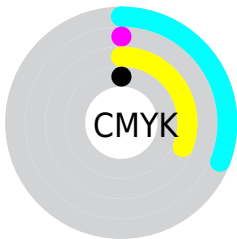
Distribution



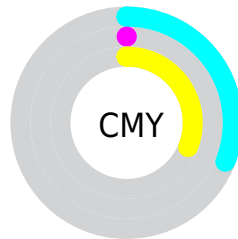
- Red (69%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color AFFF0 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 AFFF0 by changing the saturation by 10% instead.

 AFFFB0

FFFFFF

 E8FFE8

 AFFFB0

 93E295

 78C67B

 5DAA61

 428F49

 257531

 005C1A

 004401

 002D00

 001400

 AFFF80

 AFFF80

 95FF97

 C9FFC9

 7CFF7E

 E2FFE2

 62FF64

 FCFFFC

 49FF4B

FFFFFF

 30FF32

 16FF19

 00FF03

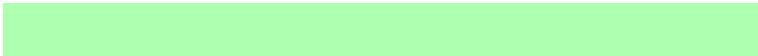
Harmonies

Analogous

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



E7F492



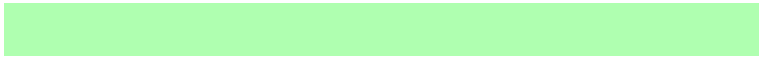
AFFFB0



6EFFDE

Triad

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



AFFF80



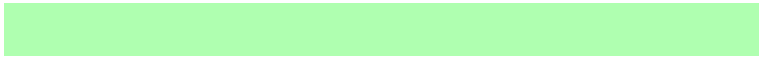
8FF4FF



FF8C8A

Complementary

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



AFFFBO



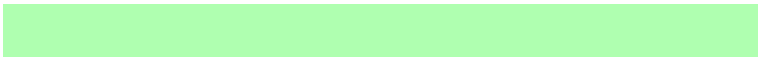
FFAFFE

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.



FFC7FA



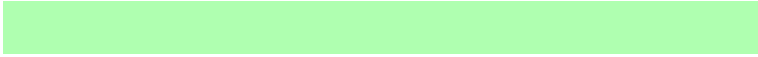
AFFF80



E0E4FF

Square

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



AFFF80



2BFFFF



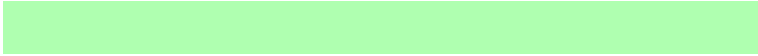
FFD3FF



FFD4A2

Rectangle

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



AFFFB0



37FFFF



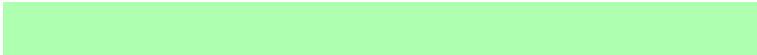
FFD3FF



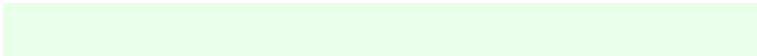
FFC7D9

Sweetspot

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



AFFF80



E8FFE8



FFFFAF



718072



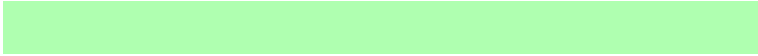
000000



808080

Same Dimension

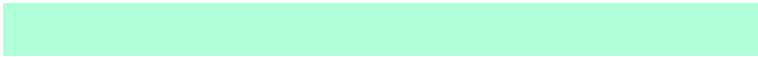
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AFFFB0



9EFF9F



AFFFD7



738073



00BF02



004001

Inverse Universe

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



FFAFFE



FF9EFE



FFAFD7



80737F



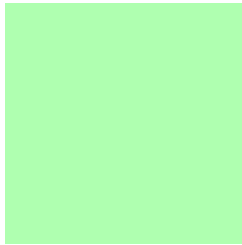
BF00BD



40003F

Previews

White Background



This preview shows how the Hex color AFFF B0 looks on a white background.

Color Contrast Check

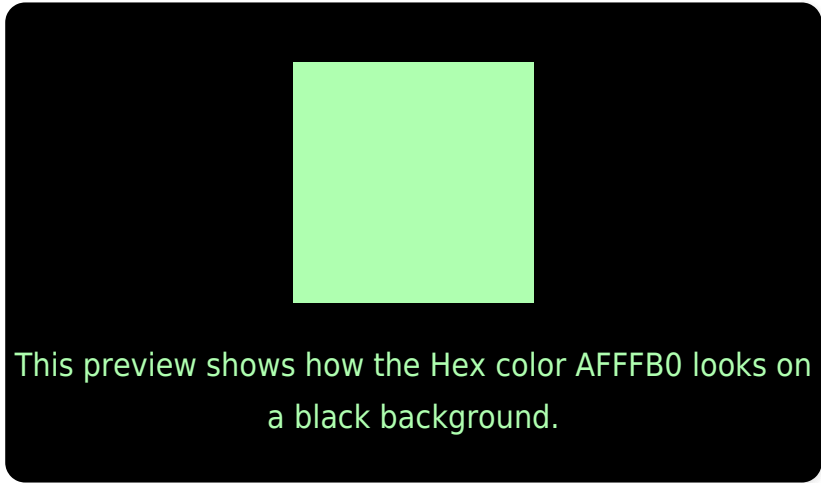
Large Text (above 18pt) WCAG AA × Fail

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

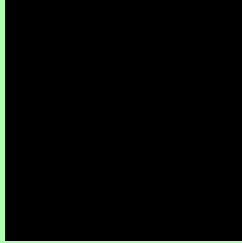
Any Text WCAG AA ✓ Pass

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 AFFFB0 Background



This preview shows how black text looks on a background with the Hex color AFFF B0.

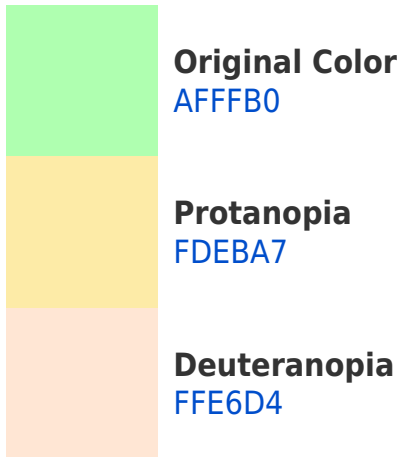


This preview shows how white text looks on a background with the Hex color AFFF B0.

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



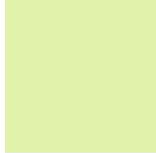


Tritanopia
CEF1FF

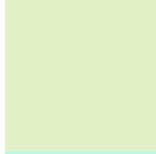
Trichromacy



Original Color
AFFFB0



Protanomaly
E1F2AA

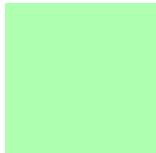


Deuteranomaly
E2EFC7

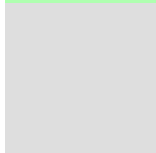


Tritanomaly
C3F6E2

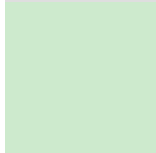
Monochromacy



Original Color
AFFFB0



Achromatopsia
DEDEDE



Achromatomaly
CDEACD

CSS Examples

Text

The CSS property to change the color of the text to Hex AFFFFB0 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 #AFFFFB0 looks like.

```
.text, #text, p{  
    color:#AFFFFB0  
}
```

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 #AFFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFFF00  
}
```

Border

The CSS property to change the border of an element to Hex AFFF00 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  
#AFFF00 }
```

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

```
.border{ border-color:#AFFFB0 }
```

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

Here you see how a box with a 4 pixel #AFFFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFFFB0; -webkit-box-shadow:4px 4px  
4px 4px #AFFFB0; box-shadow:4px 4px 4px  
4px #AFFFB0 }
```

Background

The CSS property to change the background color of an element to Hex AFFF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFFF00 }
```

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

```
.background{ background-color:#AFFF00 }
```

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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