

Converting Colors

Hex(AFF7BE)

Have a look what the booklet for
Hex(AFF7BE) contains.

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Color

Hex(AFF7BE)

Conversions

Conversions Part 1

Format	Color
Hex	AFF7BE
RGB	175, 247, 190
RGB Percent	69%, 97%, 75%
CMY	0.3137, 0.0314, 0.2549
CMYK	0.29, 0.00, 0.23, 0.03
HSL	132°, 82%, 83%
HSV	132°, 29%, 97%
XYZ	60.2342, 79.3532, 60.8572
YIQ	218.9740, -24.6150, -32.9910

Conversions

Conversions Part 2

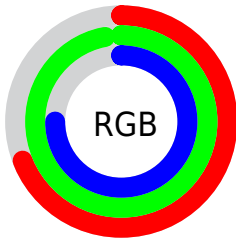
Format	Color
RYB	175, 235, 247
Decimal	11532222
CIELab	91.39, -33.43, 20.42
CIELCh	91, 39.171, 148.586
Yxy	79.3532, 0.3005, 0.3959
Android (android.graphics.Color)	4289722302 (0xFFAFF7BE)
YUV	218.9740, -14.2842, -38.5652
Hunter-Lab	89.0804, -35.1929, 21.8510

Details

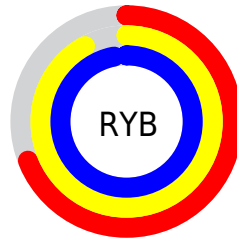
The Hex color **AFF7BE** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F7AFE8**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E8FFF6**, and **78BE88** is the 20% darker color. If you saturate the color by 10%, you get **96F7AA**, and if you desaturate by 10%, it is **C8F7D2**.

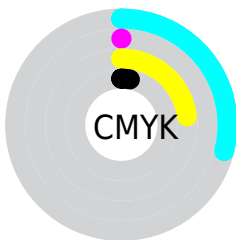
Distribution



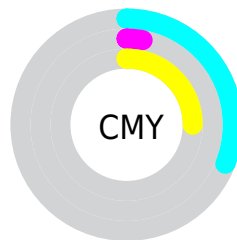
- Red (69%)
- Green (97%)
- Blue (75%)



- Red (69%)
- Yellow (92%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFF7BE 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 AFF7BE by changing the saturation by 10% instead.

 AFF7BE

FFFFFF

 E8FFF6

 AFF7BE

 93DAA3

 78BE88

 5EA36F

 448856

 296F3F

 085628

 003E13

 002800

 000A00

 AFF7BE

 AFF7BE

 96F7AA

 C8F7D2

 7EF797

 E0F7E5

 65F783

 F9F7F9

 4CF770

 FFF7FF

 34F75C

 1BF749

 02F735

 00F733

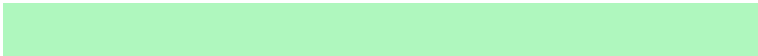
Harmonies

Analogous

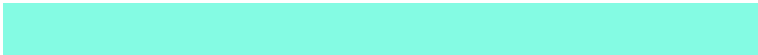
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBEFA3



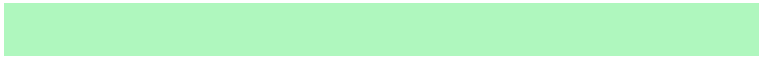
AFF7BE



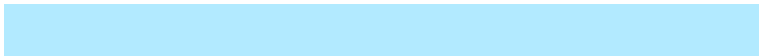
84FBE3

Triad

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



AFF7BE



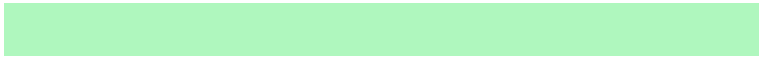
B2EAFF



FFCDC4

Complementary

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



AFF7BE



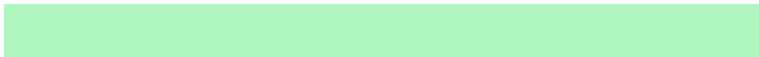
F7AFE8

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.



FFCAEA



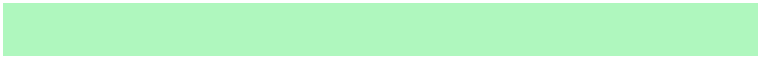
AFF7BE



E9DDFF

Square

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



AFF7BE



7DF5FF



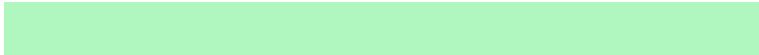
FFD1FF



FFD7A7

Rectangle

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



AFF7BE



6FFBFD



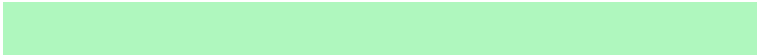
FFD1FF



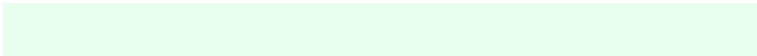
FFCBD0

Sweetspot

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



AFF7BE



E8FFED



E9F7AF



718074



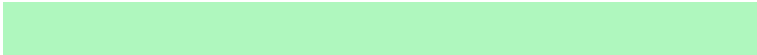
000000



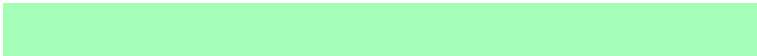
808080

Same Dimension

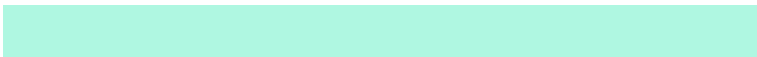
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AFF7BE



A6FFB8



AFF7E1



6E7A71



00BA27



003B0C

Inverse Universe

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



F7AFE8



FFA6EC



F7AFC5



7A6E78



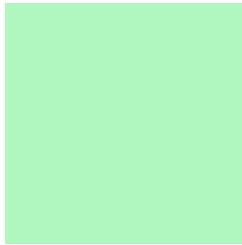
BA0093



3B002E

Previews

White Background



This preview shows how the Hex color AFF7BE looks on a white background.

Color Contrast Check

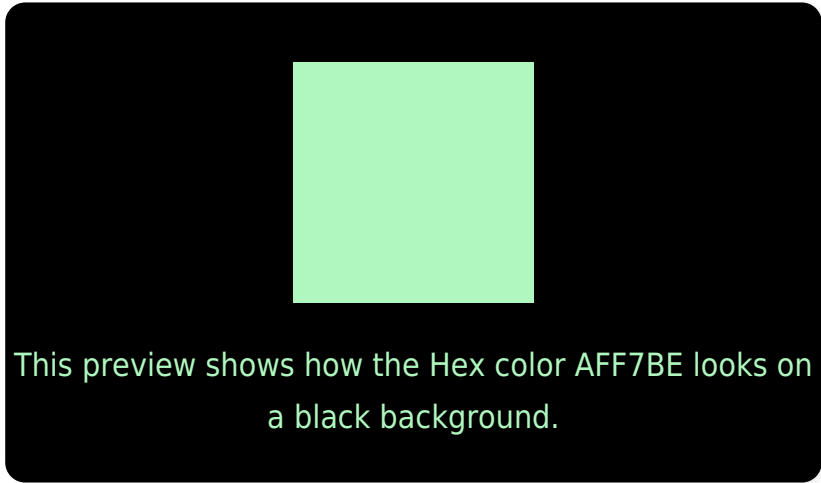
Large Text (above 18pt) WCAG AA × Fail

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

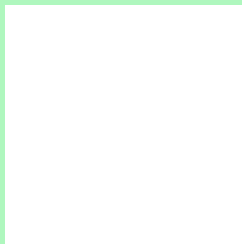
Any Text WCAG AAA ✓ Pass

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

Hex AFF7BE Background



This preview shows how black text looks on a background with the Hex color AFF7BE.

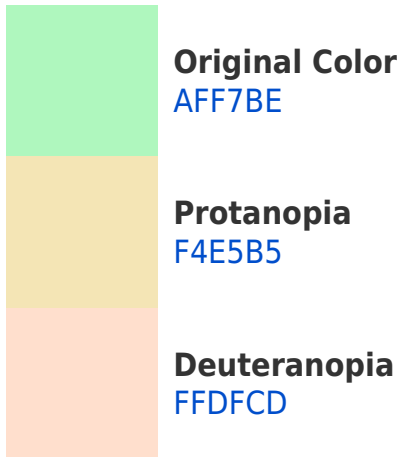


This preview shows how white text looks on a background with the Hex color AFF7BE.

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](#).

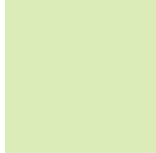
Dichromacy



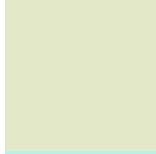
Trichromacy



Original Color
AFF7BE



Protanomaly
DBECB8

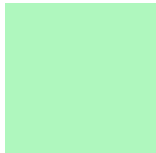


Deuteranomaly
E2E8C8

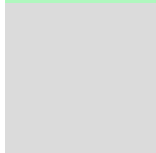


Tritanomaly
BAF1E7

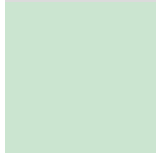
Monochromacy



Original Color
AFF7BE



Achromatopsia
DBDBDB



Achromatomaly
CBE5D0

CSS Examples

Text

The CSS property to change the color of the text to Hex AFF7BE 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 #AFF7BE looks like.

```
.text, #text, p{  
    color:#AFF7BE  
}
```

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 #AFF7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFF7BE
}
```

Border

The CSS property to change the border of an element to Hex AFF7BE 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
#AFF7BE }
```

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

```
.border{ border-color:#AFF7BE }
```

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

Here you see how a box with a 4 pixel #AFF7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFF7BE; -webkit-box-shadow:4px 4px  
4px 4px #AFF7BE; box-shadow:4px 4px 4px  
4px #AFF7BE }
```

Background

The CSS property to change the background color of an element to Hex AFF7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFF7BE }
```

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

```
.background{ background-color:#AFF7BE }
```

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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