

Converting Colors

Hex(AFE3BD)

Have a look what the booklet for
Hex(AFE3BD) contains.

Hex(AFE3BD)	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(AFE3BD)

Conversions

Conversions Part 1

Format	Color
Hex	AFE3BD
RGB	175, 227, 189
RGB Percent	69%, 89%, 74%
CMY	0.3137, 0.1098, 0.2588
CMYK	0.23, 0.00, 0.17, 0.11
HSL	136°, 48%, 79%
HSV	136°, 23%, 89%
XYZ	54.3336, 67.7263, 58.3529
YIQ	207.1200, -18.7940, -22.8420

Conversions

Conversions Part 2

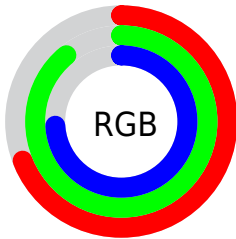
Format	Color
RYB	175, 216, 227
Decimal	11527101
CIELab	85.87, -24.13, 13.18
CIELCh	86, 27.492, 151.347
Yxy	67.7263, 0.3012, 0.3754
Android (android.graphics.Color)	4289717181 (0xFFAFE3BD)
YUV	207.1200, -8.9332, -28.1692
Hunter-Lab	82.2960, -26.1683, 15.5669

Details

The Hex color **AFE3BD** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E3AFD5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E7FFF5**, and **7AAB88** is the 20% darker color. If you saturate the color by 10%, you get **98E3AC**, and if you desaturate by 10%, it is **C6E3CE**.

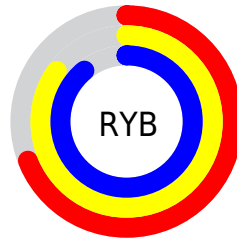
Distribution



Red (69%)

Green (89%)

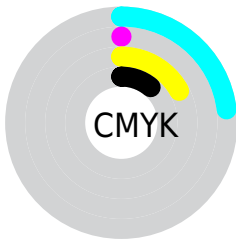
Blue (74%)



Red (69%)

Yellow (85%)

Blue (89%)

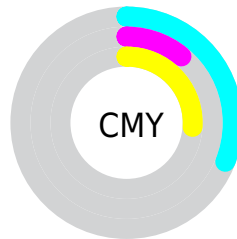


Cyan (23%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (31%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE3BD 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 AFE3BD by changing the saturation by 10% instead.

 AFE3BD

 AFE3BD

FFFFFF

 94C7A2

 E7FFF5


 7AAB88

 60916E

 477756

 2F5E3E

 164628

 002F14

 001C00

 000000

 AFE3BD

 AFE3BD

 98E3AC

 C6E3CE

 82E39C

 DCE3DE

 6BE38B

 F3E3EF

 54E37B

 FFE3FF

 3EE36A

 27E359

 10E349

 00E33D

Harmonies

Analogous

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



CDDDAA



AFE3BD



96E6D7

Triad

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



AFE3BD



B9D9FF



FFC6BD

Complementary

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



AFE3BD



E3AFD5

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.



FFC4D6



AFE3BD



DDD0FF

Square

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



AFE3BD



9AE0FF



F9C8F0



FFCDAA

Rectangle

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



AFE3BD



8DE5E9



F9C8F0



FFC5C5

Sweetspot

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



AFE3BD



EDFFF2



D5E3AF



758078



000000



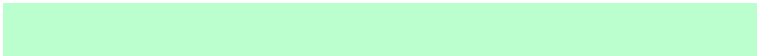
808080

Same Dimension

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



AFE3BD



BAFFCD



AFE3D7



67736A



00B330



00330E

Inverse Universe

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



E3AFD5



FFBAEC



E3AFBB



736770



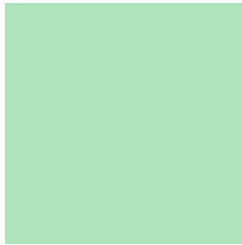
B30082



330025

Previews

White Background



This preview shows how the Hex color AFE3BD looks on a white background.

Color Contrast Check

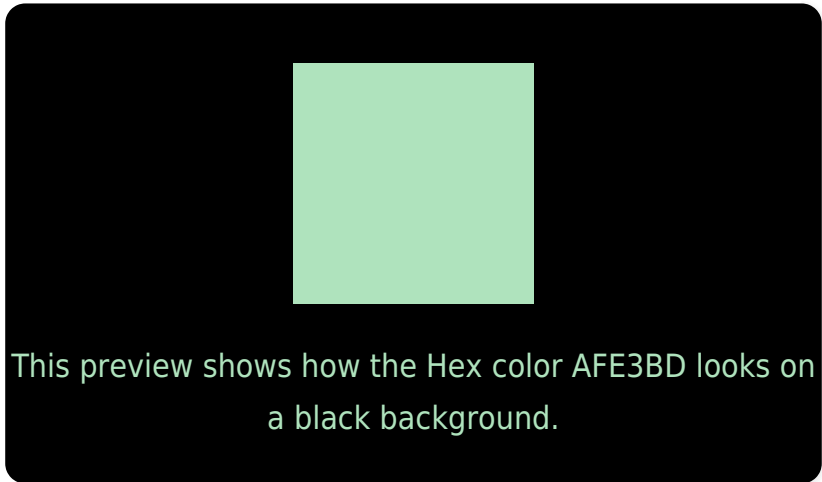
Large Text (above 18pt) WCAG AA × Fail

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

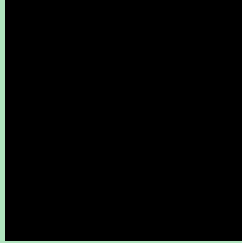
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

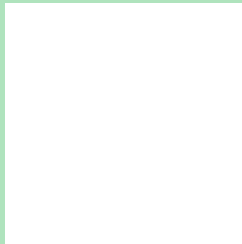
Any Text WCAG AAA ✓ Pass

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

Hex AFE3BD Background



This preview shows how black text looks on a background with the Hex color AFE3BD.

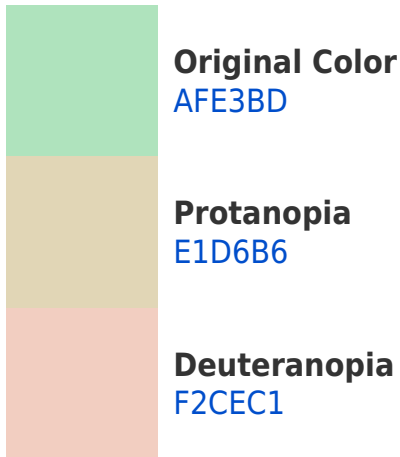


This preview shows how white text looks on a background with the Hex color AFE3BD.

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](#).

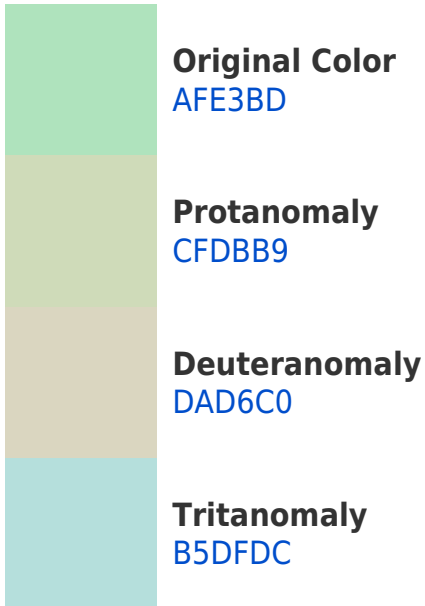
Dichromacy



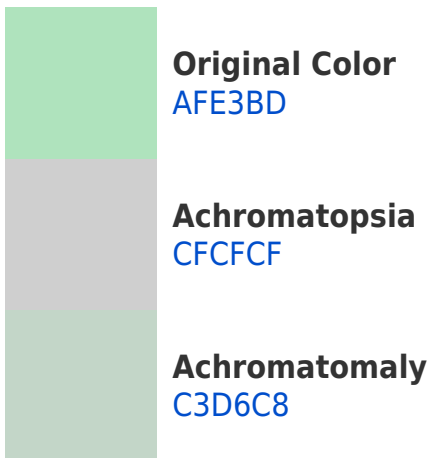


Tritanopia
B8DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFE3BD 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 #AFE3BD looks like.

```
.text, #text, p{  
    color:#AFE3BD  
}
```

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 #AFE3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE3BD  
}
```

Border

The CSS property to change the border of an element to Hex AFE3BD 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  
#AFE3BD }
```

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

```
.border{ border-color:#AFE3BD }
```

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

Here you see how a box with a 4 pixel #AFE3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE3BD; -webkit-box-shadow:4px 4px  
4px 4px #AFE3BD; box-shadow:4px 4px 4px  
4px #AFE3BD }
```

Background

The CSS property to change the background color of an element to Hex AFE3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE3BD }
```

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

```
.background{ background-color:#AFE3BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor