

# Converting Colors

Hex(AFBAED)

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

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# **Color**

**Hex(AFBAED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFBAED
RGB	175, 186, 237
RGB Percent	69%, 73%, 93%
CMY	0.3137, 0.2706, 0.0706
CMYK	0.26, 0.22, 0.00, 0.07
HSL	229°, 63%, 81%
HSV	229°, 26%, 93%
XYZ	50.5242, 50.3462, 87.1756
YIQ	188.5250, -22.9270, 13.5290

# Conversions

## Conversions Part 2

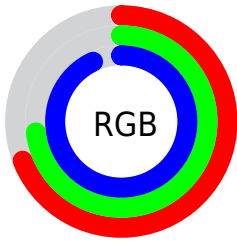
Format	Color
<a href="#">RYB</a>	<a href="#">175, 184, 237</a>
Decimal	<a href="#">11516653</a>
CIELab	<a href="#">76.28, 7.27, -26.61</a>
CIELCh	<a href="#">76, 27.582, 285.280</a>
Yxy	<a href="#">50.3462, 0.2687, 0.2677</a>
Android (android.graphics.Color)	<a href="#">4289706733</a> (0xFFAFBAED)
YUV	<a href="#">188.5250, 23.8982, -11.8614</a>
Hunter-Lab	<a href="#">70.9551, 2.9311, -23.1754</a>

# Details

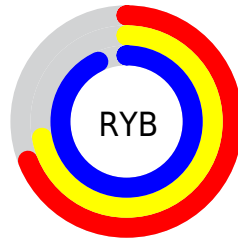
The Hex color **AFBAED** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDE2AF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E7F2FF**, and **7985B5** is the 20% darker color. If you saturate the color by 10%, you get **97A7ED**, and if you desaturate by 10%, it is **C7CDED**.

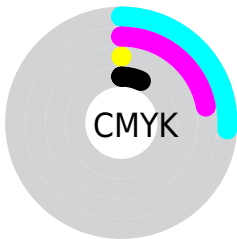
# Distribution



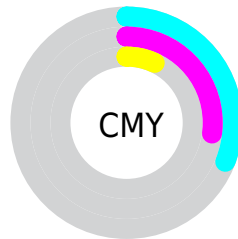
- Red (69%)
- Green (73%)
- Blue (93%)



- Red (69%)
- Yellow (72%)
- Blue (93%)



- Cyan (26%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (27%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



■ AFBAED

■ AFBAED

FFFFFF

■ 949FD1

■ E7F2FF

■ 7985B5

■ 5F6C9A

■ 465480

■ 2D3D67

■ 13274E

■ 001337

■ 000222

■ 000007

 AFBAED

 AFBAED

 97A7ED

 C7CDED

 8093ED

 DEE1ED

 6880ED

 F6F4ED

 506CED

 FFFFED

 3859ED

 2145ED

 0932ED

 002AED

# Harmonies

## Analogous

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



8CC2ED



AFBAED



D0B1E0

# Triad

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



AFBAED



EBAE99



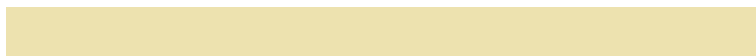
88CAAE

# Complementary

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



AFBAED



EDE2AF

# 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.



A4C598



AFBAED



DAB68B

# Square

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



AFBAED



F0AAB0



C1BF8B



74CAC9

# Rectangle

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



AFBAED



E1ADD2



C1BF8B



91C9A6



# Sweetspot

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



AFBAED



EBE EFF



AFEDE2



737580



000000



808080



# Same Dimension

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



AFBAED



B0BEFF



C3AFED



6A6C75



0020B5



000A36



# Inverse Universe

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



EDAFBA



FFB0BE



D9EDAF



756A6C



B50020

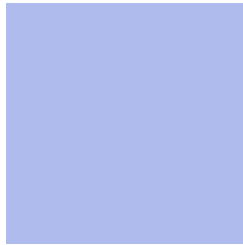


36000A



# Previews

## White Background



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

## Color Contrast Check

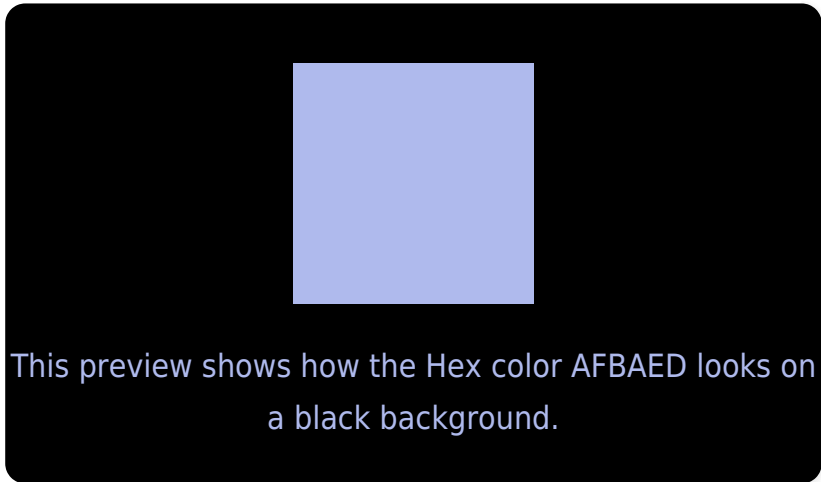
Large Text (above 18pt) WCAG AA × Fail

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

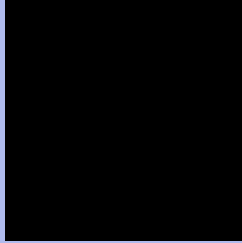
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFBAED Background



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



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

# 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**  
AFBAED

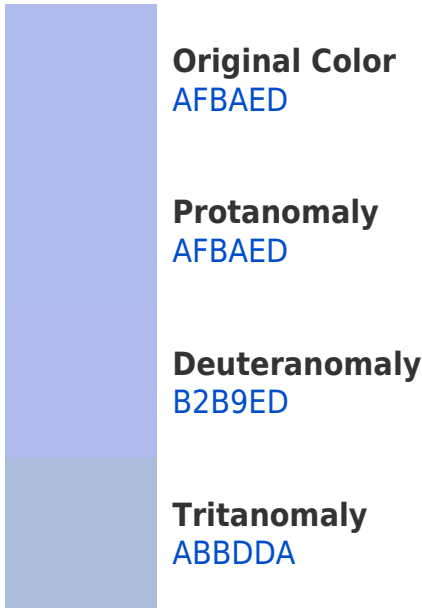
**Protanopia**  
AFBAED

**Deuteranopia**  
B4B8ED

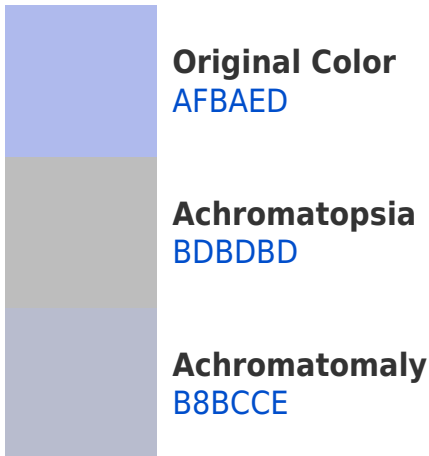


**Tritanopia**  
A9BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AFBAED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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