

# Converting Colors

Hex(AFBFB3)

Have a look what the booklet for  
Hex(AFBFB3) contains.

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# **Color**

**Hex(AFBFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFBFB3
RGB	175, 191, 179
RGB Percent	69%, 75%, 70%
CMY	0.3137, 0.2510, 0.2980
CMYK	0.08, 0.00, 0.06, 0.25
HSL	135°, 11%, 72%
HSV	135°, 8%, 75%
XYZ	44.4467, 49.6302, 49.8848
YIQ	184.8480, -5.6840, -7.1240

# Conversions

## Conversions Part 2

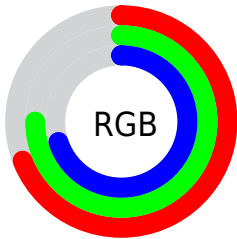
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 188, 191
Decimal	11517875
CIELab	75.84, -7.78, 4.17
CIELCh	76, 8.821, 151.818
Yxy	49.6302, 0.3087, 0.3447
Android (android.graphics.Color)	4289707955 (0xFFAFBFB3)
YUV	184.8480, -2.8831, -8.6367
Hunter-Lab	70.4487, -10.6682, 7.3308

# Details

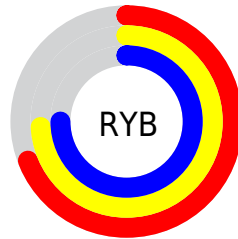
The Hex color **AFBFB3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BFAFBB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E7F7EB**, and **7B8A7E** is the 20% darker color. If you saturate the color by 10%, you get **9CBFA5**, and if you desaturate by 10%, it is **C2BFC1**.

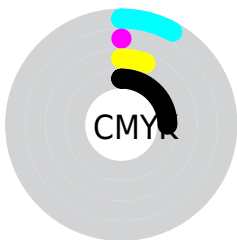
# Distribution



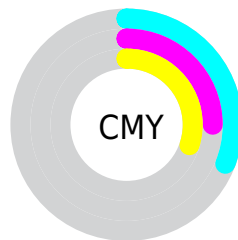
- Red (69%)
- Green (75%)
- Blue (70%)



- Red (69%)
- Yellow (74%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFBFB3 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 AFBFB3 by changing the saturation by 10% instead.



■ AFBFB3

■ AFBFB3

FFFFFF

■ 94A498

■ E7F7EB

■ 7B8A7E

■ 627065

■ 4A584D

■ 334037

■ 1E2A21

■ 06160B

■ 000000

■ AFBFB3

■ AFBFB3

 9CBFA5

 C2BFC1

 89BF96

 D5BFD0

 76BF88

 E8BFDE

 63BF7A

 FBBFEC

 50BF6B

 FFBFFB

 3CBF5D

 FFBFFF

 29BF4F

 16BF40

 03BF32

# Harmonies

## Analogous

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



B8BDAD



AFBFB3



A9C0BB

# Triad

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



AFBFB3



B3BBCB



CDB6B3

# Complementary

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



AFBFB3



BFAFBB

# 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.



CCB6BB



AFBFB3



BDB9C9

# Square

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



AFBFB3



ABBEC9



C6B7C3



C9B8AD

# Rectangle

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



AFBFB3



A7C0C1



C6B7C3



CDB6B5

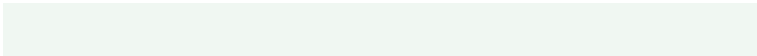


# Sweetspot

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



AFBFB3



F0F7F2



BBBFAF



787D79



FCFCFC



7D7D7D

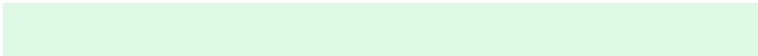


# Same Dimension

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



AFBFB3



DFF7E5



AFBFBB



555E57



009E28



001F08



# Inverse Universe

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



BFAFBB



F7DFF1



BFAFB3



5E555C



9E0077



1F0017



# Previews

## White Background



This preview shows how the Hex color AFBFB3 looks on a white background.

## Color Contrast Check

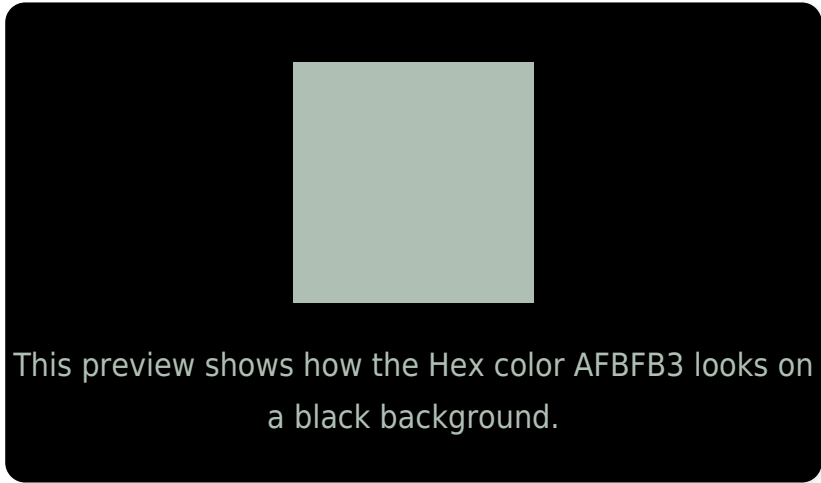
Large Text (above 18pt) WCAG AA × Fail

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

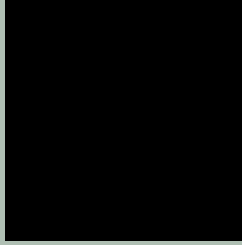
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

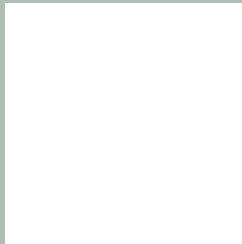
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFBFB3 Background



This preview shows how black text looks on a background with the Hex color AFBFB3.

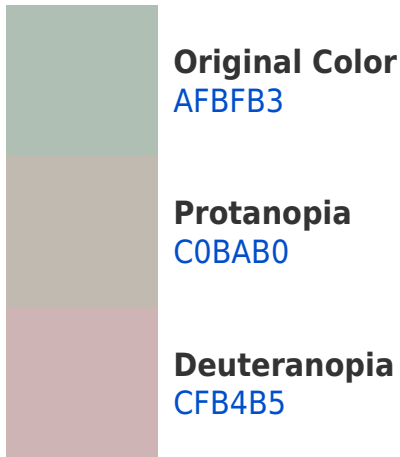


This preview shows how white text looks on a background with the Hex color AFBFB3.

# Color Blindness Simulation

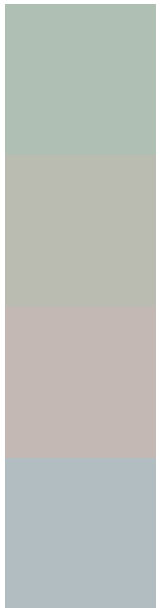
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
AFBFB3

**Protanomaly**  
BABCB1

**Deuteranomaly**  
C3B8B4

**Tritanomaly**  
B2BDC2

# Monochromacy



**Original Color**  
AFBFB3

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B5BBB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFBFB3 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 #AFBFB3 looks like.

```
.text, #text, p{  
    color:#AFBFB3  
}
```

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 #AFBFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBFB3
}
```

## Border

The CSS property to change the border of an element to Hex AFBFB3 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
#AFBFB3 }
```

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

```
.border{ border-color:#AFBFB3 }
```

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

Here you see how a box with a 4 pixel #AFBFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBFB3; -webkit-box-shadow:4px 4px  
4px 4px #AFBFB3; box-shadow:4px 4px 4px  
4px #AFBFB3 }
```

# Background

The CSS property to change the background color of an element to Hex AFBFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBFB3 }
```

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

```
.background{ background-color:#AFBFB3 }
```

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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