

# Converting Colors

Hex(AFB09B)

Have a look what the booklet for  
Hex(AFB09B) contains.

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# **Color**

**Hex(AFB09B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB09B
RGB	175, 176, 155
RGB Percent	69%, 69%, 61%
CMY	0.3137, 0.3098, 0.3922
CMYK	0.01, 0.00, 0.12, 0.31
HSL	63°, 12%, 65%
HSV	63°, 12%, 69%
XYZ	39.1209, 42.5312, 37.1578
YIQ	173.3070, 6.1450, -6.7430

# Conversions

## Conversions Part 2

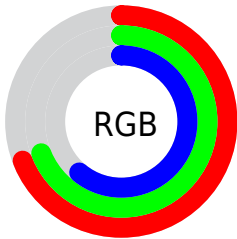
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 176, 156</a>
Decimal	<a href="#">11514011</a>
CIELab	<a href="#">71.24, -4.09, 10.64</a>
CIELCh	<a href="#">71, 11.400, 111.005</a>
Yxy	<a href="#">42.5312, 0.3293, 0.3580</a>
Android (android.graphics.Color)	<a href="#">4289704091 (0xFFAFB09B)</a>
YUV	<a href="#">173.3070, -9.0254, 1.4848</a>
Hunter-Lab	<a href="#">65.2159, -7.0515, 11.8698</a>

# Details

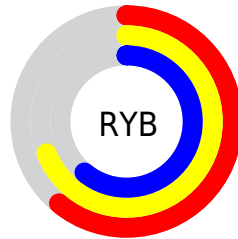
The Hex color **AFB09B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9C9BB0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E7E8D1**, and **7A7C68** is the 20% darker color. If you saturate the color by 10%, you get **AEB089**, and if you desaturate by 10%, it is **B0B0AD**.

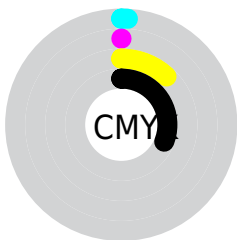
# Distribution



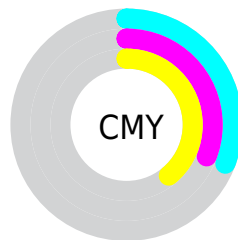
- Red (69%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB09B 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 AFB09B by changing the saturation by 10% instead.





AFB09B



AFB09B

FFFFFF



949581



E7E8D1



7A7C68



FFFFEE



626350



4A4B39



333423



1E1F0E



000700



000000



AFB09B



AFB09B

 AEB089

 B0B0AD

 ADB078

 B1B0BE

 ACB066

 B2B0D0

 ACB055

 B2B0E1

 ABB043

 B3B0F3

 AAB031

 B4B0FF

 A9B020

 B5B0FF

 A8B00E

 B6B0FF

 A8B000

 B7B0FF

# Harmonies

## Analogous

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



BAAD9A



AFB09B



A3B3A1

# Triad

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



AFB09B



97B3BE



C2A8B2

# Complementary

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



AFB09B



9C9BB0

# 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.



B9AABC



AFB09B



A0B0C3

# Square

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



AFB09B



94B5B5



ADADC2



C5A8A7

# Rectangle

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



AFB09B



9CB4A7



ADADC2



BFA8B5



# Sweetspot

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



AFB09B



E5E6DC



B09C9B



72736D



F2F2F2



737373

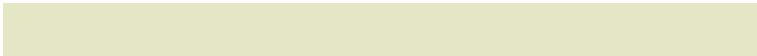


# Same Dimension

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



AFB09B



E4E6C5



A5B09B



595950



929900



181A00



# Inverse Universe

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



9C9BB0



C7C5E6



A69BB0



515059



070099



01001A



# Previews

## White Background



This preview shows how the Hex color AFB09B looks on a white background.

## Color Contrast Check

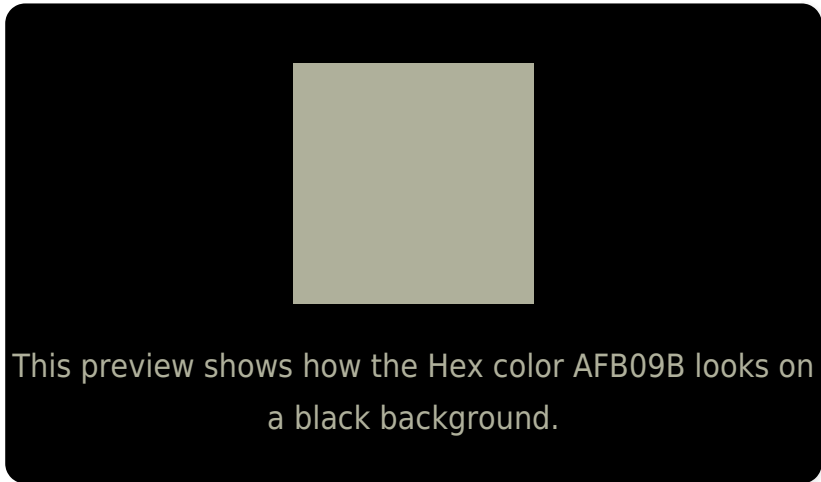
Large Text (above 18pt) WCAG AA × Fail

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

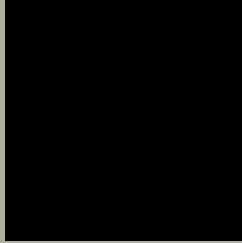
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

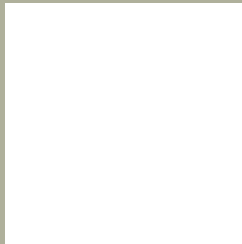
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFB09B Background



This preview shows how black text looks on a background with the Hex color AFB09B.

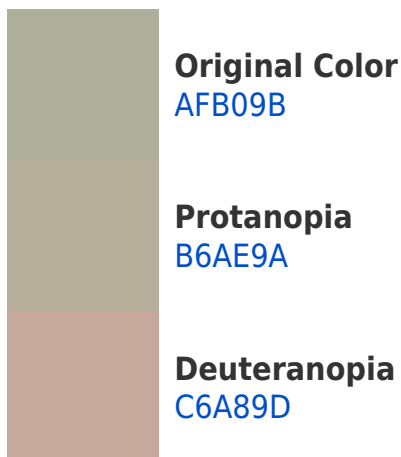


This preview shows how white text looks on a background with the Hex color AFB09B.

# 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**  
B3ACB9

# Trichromacy



**Original Color**  
AFB09B

**Protanomaly**  
B3AF9A

**Deuteranomaly**  
BEAB9C

**Tritanomaly**  
B2ADAE

# Monochromacy



**Original Color**  
AFB09B

**Achromatopsia**  
ADADAD

**Achromatomaly**  
AEAEA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB09B 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 #AFB09B looks like.

```
.text, #text, p{  
    color:#AFB09B  
}
```

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 #AFB09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB09B
}
```

## Border

The CSS property to change the border of an element to Hex AFB09B 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
#AFB09B }
```

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

```
.border{ border-color:#AFB09B }
```

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

Here you see how a box with a 4 pixel #AFB09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB09B; -webkit-box-shadow:4px 4px  
4px 4px #AFB09B; box-shadow:4px 4px 4px  
4px #AFB09B }
```

# Background

The CSS property to change the background color of an element to Hex AFB09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB09B }
```

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

```
.background{ background-color:#AFB09B }
```

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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