

# Converting Colors

Hex(AF9891)

Have a look what the booklet for  
Hex(AF9891) contains.

<b>Hex(AF9891)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AF9891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9891
RGB	175, 152, 145
RGB Percent	69%, 60%, 57%
CMY	0.3137, 0.4039, 0.4314
CMYK	0.00, 0.13, 0.17, 0.31
HSL	14°, 16%, 63%
HSV	14°, 17%, 69%
XYZ	34.0183, 33.6148, 31.4834
YIQ	158.0790, 15.9550, 2.6990

# Conversions

## Conversions Part 2

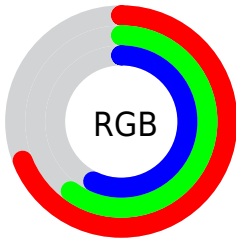
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 154, 145</a>
Decimal	<a href="#">11507857</a>
CIELab	<a href="#">64.66, 7.35, 6.81</a>
CIELCh	<a href="#">65, 10.016, 42.827</a>
Yxy	<a href="#">33.6148, 0.3432, 0.3391</a>
Android (android.graphics.Color)	<a href="#">4289697937</a> ( <a href="#">0xFFAF9891</a> )
YUV	<a href="#">158.0790, -6.4479, 14.8397</a>
Hunter-Lab	<a href="#">57.9782, 3.2715, 8.3891</a>

# Details

The Hex color **AF9891** is a light color, and the websafe version is hex **999999**. A complement of this color would be **91A8AF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E7CEC7**, and **7A655F** is the 20% darker color. If you saturate the color by 10%, you get **AF8B80**, and if you desaturate by 10%, it is **AFA5A3**.

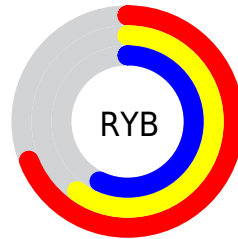
# Distribution



Red (69%)

Green (60%)

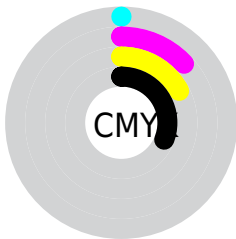
Blue (57%)



Red (69%)

Yellow (60%)

Blue (57%)

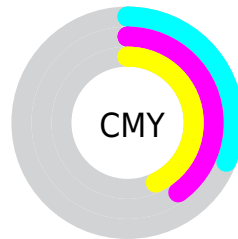


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9891 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 AF9891 by changing the saturation by 10% instead.



 AF9891

 AF9891

FFFFFF

 947E77

 E7CEC7

 7A655F

 FFEAE3

 614D47

 493631

 32211C

 1E0B01

 000000

 AF9891

 AF9891

 AF8B80

 AFA5A3

 AF7D6E

 AFB3B4

 AF705C

 AFC0C6

 AF624B

 AFCED7

 AF553A

 AFD8E9

 AF4828

 AFE9FA

 AF3A16

 AFF6FF

 AF2D05

 AFFFFF

 AF2900

# Harmonies

## Analogous

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



B09799



AF9891



A99A8C

# Triad

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



AF9891



8DA297



989CAE

# Complementary

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



AF9891



91A8AF

# 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.



8E9FAE



AF9891



87A2A0

# Square

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



AF9891



96A090



87A1A9



A399AA

# Rectangle

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



AF9891



A39C8B



87A1A9



949DAE

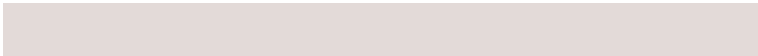


# Sweetspot

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



AF9891



E3DAD8



AF91A8



736D6C



F2F2F2



737373



# Same Dimension

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



AF9891



E3BEB3



AFA791



57504E



962300



170500



# Inverse Universe

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



91A8AF



B3D8E3



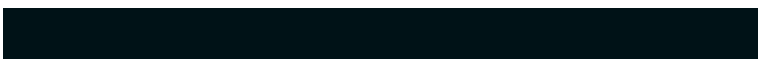
9199AF



4E5557



007396



001217



# Previews

## White Background



This preview shows how the Hex color AF9891 looks on a white background.

## Color Contrast Check

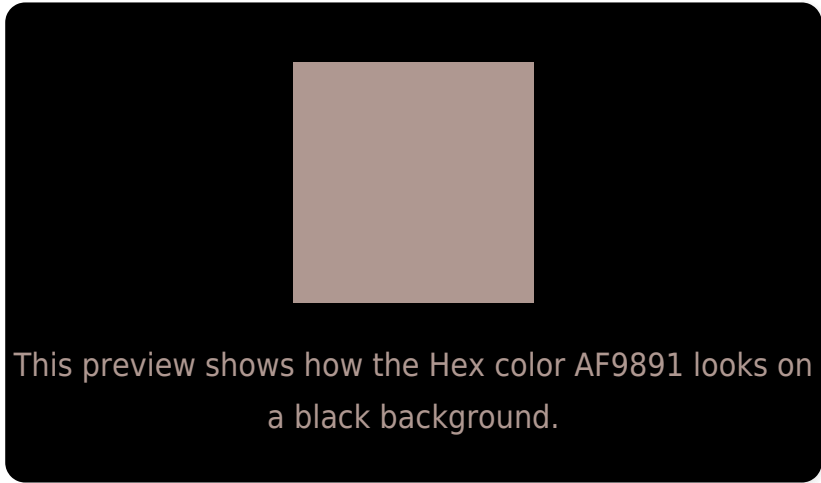
Large Text (above 18pt) WCAG AA × Fail

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

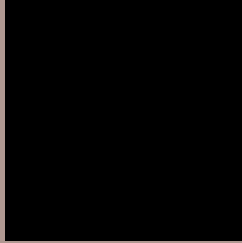
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9891 Background



This preview shows how black text looks on a background with the Hex color AF9891.

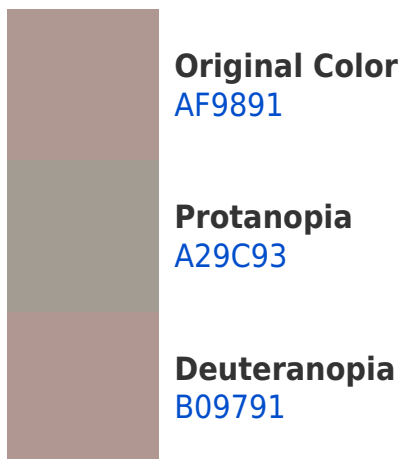


This preview shows how white text looks on a background with the Hex color AF9891.

# 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**  
B196A1

# Trichromacy



**Original Color**  
AF9891

**Protanomaly**  
A79B92

**Deuteranomaly**  
B09791

**Tritanomaly**  
B0979B

# Monochromacy



**Original Color**  
AF9891

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A49C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9891 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 #AF9891 looks like.

```
.text, #text, p{  
    color:#AF9891  
}
```

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 #AF9891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9891
}
```

## Border

The CSS property to change the border of an element to Hex AF9891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

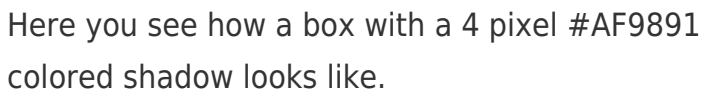
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF9891 }
```

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

```
.border{ border-color:#AF9891 }
```

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



Here you see how a box with a 4 pixel #AF9891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9891; -webkit-box-shadow:4px 4px  
4px 4px #AF9891; box-shadow:4px 4px 4px  
4px #AF9891 }
```

# Background

The CSS property to change the background color of an element to Hex AF9891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9891 }
```

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

```
.background{ background-color:#AF9891 }
```

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