

# Converting Colors

Hex(AF9895)

Have a look what the booklet for  
Hex(AF9895) contains.

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# **Color**

**Hex(AF9895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9895
RGB	175, 152, 149
RGB Percent	69%, 60%, 58%
CMY	0.3137, 0.4039, 0.4157
CMYK	0.00, 0.13, 0.15, 0.31
HSL	7°, 14%, 64%
HSV	7°, 15%, 69%
XYZ	34.3322, 33.7404, 33.1368
YIQ	158.5350, 14.6710, 3.9430

# Conversions

## Conversions Part 2

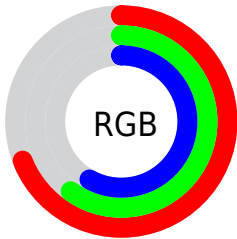
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 152, 149
Decimal	11507861
CIE <sub>Lab</sub>	64.76, 8.00, 4.71
CIE <sub>LCh</sub>	65, 9.284, 30.459
Yxy	33.7404, 0.3392, 0.3334
Android (android.graphics.Color)	4289697941 (0xFFAF9895)
YUV	158.5350, -4.7008, 14.4398
Hunter-Lab	58.0865, 3.8519, 6.8371

# Details

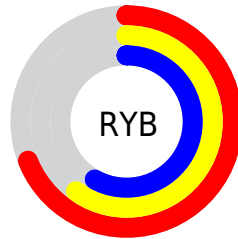
The Hex color **AF9895** is a light color, and the websafe version is hex **999999**. A complement of this color would be **95ACAF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E7CECB**, and **7A6562** is the 20% darker color. If you saturate the color by 10%, you get **AF8984**, and if you desaturate by 10%, it is **AFA7A7**.

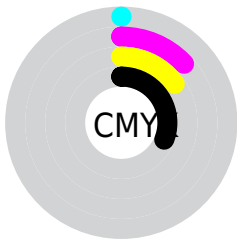
# Distribution



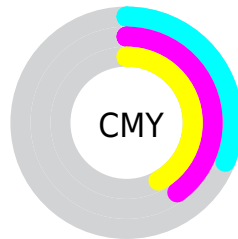
- Red (69%)
- Green (60%)
- Blue (58%)



- Red (69%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9895 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 AF9895 by changing the saturation by 10% instead.



 AF9895

 AF9895

FFFFFF

 947E7B

 E7CECB

 7A6562

 FFEAE7

 614D4B

 493634

 32211F

 1E0B06

 000000

 AF9895

 AF9895

 AF8984

 AFA7A7

 AF7972

 AFB7B8

 AF6A61

 AFC6CA

 AF5A4F

 AFD6DB

 AF4B3E

 AFE5ED

 AF3B2C

 AFF5FE

 AF2C1B

 AFFFFFF

 AF1C09

 AF1400

# Harmonies

## Analogous

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



AE989D



AF9895



AB9A8F

# Triad

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



AF9895



91A195



959EAD

# Complementary

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



AF9895



95ACAF

# 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.



8CA0AB



AF9895



8AA29D

# Square

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



AF9895



9B9F8F



88A2A5



9F9BAB

# Rectangle

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



AF9895



A79C8D



88A2A5



919FAD

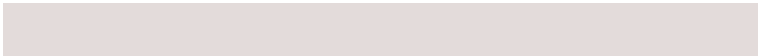


# Sweetspot

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



AF9895



E3DBDA



AF95AC



736E6D



F2F2F2



737373



# Same Dimension

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



AF9895



E3BFBA



AFA595



574F4E



961100



170300



# Inverse Universe

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



95ACAF



BADEE3



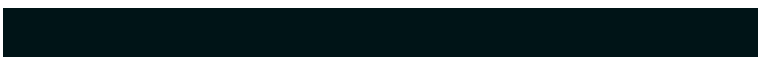
959FAF



4E5657



008596



001417



# Previews

## White Background



This preview shows how the Hex color AF9895 looks on a white background.

## Color Contrast Check

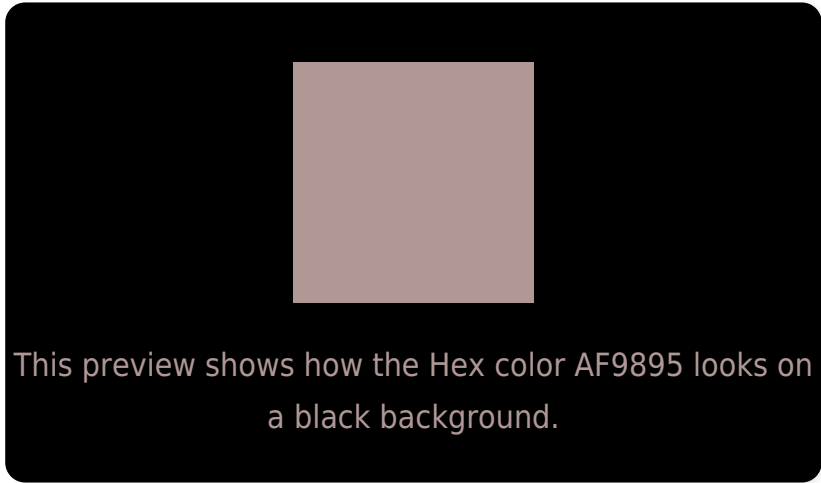
Large Text (above 18pt) WCAG AA × Fail

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

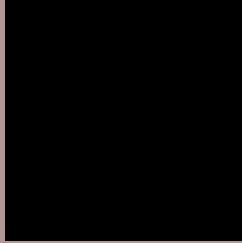
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9895 Background



This preview shows how black text looks on a background with the Hex color AF9895.

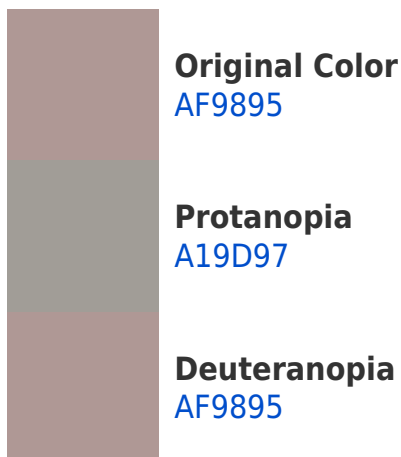


This preview shows how white text looks on a background with the Hex color AF9895.

# 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**  
B196A2

# Trichromacy



**Original Color**  
AF9895

**Protanomaly**  
A69B96

**Deuteranomaly**  
AF9895

**Tritanomaly**  
B0979D

# Monochromacy



**Original Color**  
AF9895

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A59C9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9895 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 #AF9895 looks like.

```
.text, #text, p{  
    color:#AF9895  
}
```

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 #AF9895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9895
}
```

## Border

The CSS property to change the border of an element to Hex AF9895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

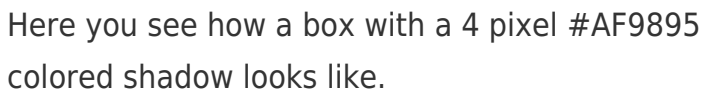
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF9895 }
```

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

```
.border{ border-color:#AF9895 }
```

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



Here you see how a box with a 4 pixel #AF9895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9895; -webkit-box-shadow:4px 4px  
4px 4px #AF9895; box-shadow:4px 4px 4px  
4px #AF9895 }
```

# Background

The CSS property to change the background color of an element to Hex AF9895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9895 }
```

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

```
.background{ background-color:#AF9895 }
```

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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