

# Converting Colors

Hex(AF979F)

Have a look what the booklet for  
Hex(AF979F) contains.

<b>Hex(AF979F)</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(AF979F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF979F
RGB	175, 151, 159
RGB Percent	69%, 59%, 62%
CMY	0.3137, 0.4078, 0.3765
CMYK	0.00, 0.14, 0.09, 0.31
HSL	340°, 13%, 64%
HSV	340°, 14%, 69%
XYZ	35.0038, 33.7504, 37.4705
YIQ	159.0880, 11.7360, 7.5760

# Conversions

## Conversions Part 2

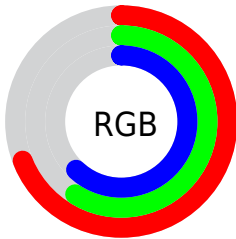
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 151, 159
Decimal	11507615
CIELab	64.76, 10.27, -0.91
CIELCh	65, 10.315, 354.960
Yxy	33.7504, 0.3295, 0.3177
Android (android.graphics.Color)	4289697695 (0xFFAF979F)
YUV	159.0880, -0.0434, 13.9548
Hunter-Lab	58.0951, 5.8846, 2.4254

# Details

The Hex color **AF979F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **97AFA7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E7CDD6**, and **7A646C** is the 20% darker color. If you saturate the color by 10%, you get **AF8693**, and if you desaturate by 10%, it is **AFA9AB**.

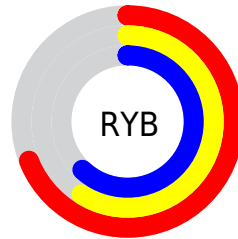
# Distribution



Red (69%)

Green (59%)

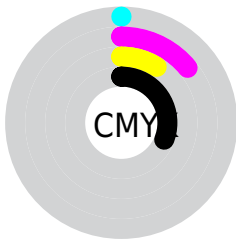
Blue (62%)



Red (69%)

Yellow (59%)

Blue (62%)

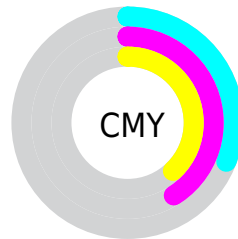


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (41%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF979F 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 AF979F by changing the saturation by 10% instead.



 AF979F

 AF979F

FFFFFF

 947D85

 E7CDD6

 7A646C

 FFE9F2

 614C53

 49353C

 332027

 1E0912

 000000

 AF979F

 AF979F

 AF8693

 AFA9AB

 AF7488

 AFBAB6

 AF627C

 AFCBC2

 AF5170

 AFDDCE

 AF4065

 AFEED9

 AF2E59

 AFFFE5

 AF1C4D

 AFFFF1

 AF0B42

 AFFFFC

 AF003A

 AFFFFF

# Harmonies

## Analogous

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



A899A8



AF979F



B19796

# Triad

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



AF979F



9C9F8C



89A1AC

# Complementary

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



AF979F



97AFA7

# 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.



86A2A4



AF979F



92A192

# Square

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



AF979F



A69C8B



89A39B



929EAF

# Rectangle

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



AF979F



B09890



89A39B



87A2AA

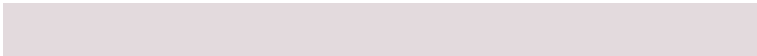


# Sweetspot

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



AF979F



E3DADD



A797AF



736D6F



F2F2F2



737373



# Same Dimension

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



AF979F



E3BFCB



AF9B97



574E51



960032



170008



# Inverse Universe

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



AF979F



E3BFCB



97ABAF



574E51



960032

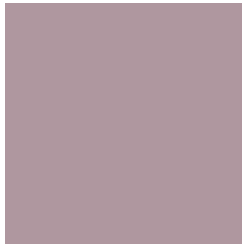


170008



# Previews

## White Background



This preview shows how the Hex color AF979F looks on a white background.

## Color Contrast Check

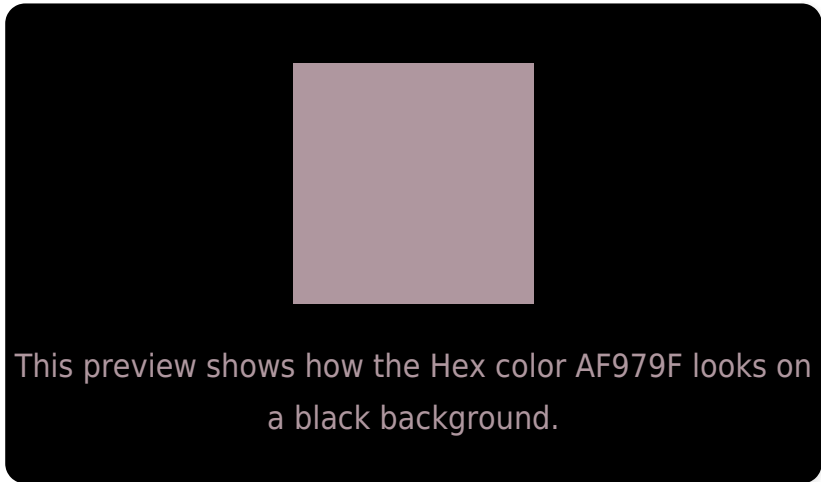
Large Text (above 18pt) WCAG AA × Fail

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

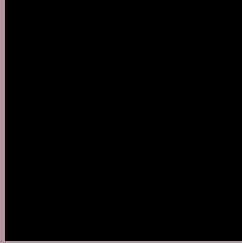
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF979F Background



This preview shows how black text looks on a background with the Hex color AF979F.



This preview shows how white text looks on a background with the Hex color AF979F.

# 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**  
AF96A2

# Trichromacy



**Original Color**  
AF979F

**Protanomaly**  
A59AA1

**Deuteranomaly**  
AD989F

**Tritanomaly**  
AF96A1

# Monochromacy



**Original Color**  
AF979F

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A59C9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF979F 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 #AF979F looks like.

```
.text, #text, p{  
    color:#AF979F  
}
```

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 #AF979F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF979F
}
```

## Border

The CSS property to change the border of an element to Hex AF979F is called "border". The border property can be set on classes, ids or directly on the HTML element.

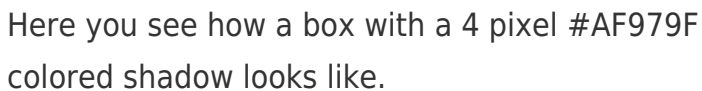
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF979F }
```

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

```
.border{ border-color:#AF979F }
```

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



Here you see how a box with a 4 pixel `#AF979F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF979F; -webkit-box-shadow:4px 4px  
4px 4px #AF979F; box-shadow:4px 4px 4px  
4px #AF979F }
```

# Background

The CSS property to change the background color of an element to Hex AF979F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF979F }
```

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

```
.background{ background-color:#AF979F }
```

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