

# Converting Colors

Hex(AAA59F)

Have a look what the booklet for  
Hex(AAA59F) contains.

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# **Color**

**Hex(AAA59F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA59F
RGB	170, 165, 159
RGB Percent	67%, 65%, 62%
CMY	0.3333, 0.3529, 0.3765
CMYK	0.00, 0.03, 0.06, 0.33
HSL	33°, 6%, 65%
HSV	33°, 6%, 67%
XYZ	36.2907, 37.9595, 38.2151
YIQ	165.8110, 4.9060, -0.8060

# Conversions

## Conversions Part 2

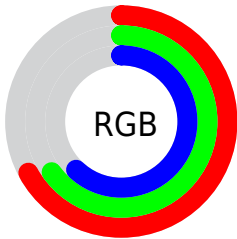
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 170, 159
Decimal	11183519
CIELab	67.99, 0.71, 3.74
CIElCh	68, 3.801, 79.305
Yxy	37.9595, 0.3227, 0.3375
Android (android.graphics.Color)	4289373599 (0xFFAAA59F)
YUV	165.8110, -3.3578, 3.6738
Hunter-Lab	61.6113, -2.6785, 6.3526

# Details

The Hex color **AAA59F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FA4AA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E1DCD6**, and **76716C** is the 20% darker color. If you saturate the color by 10%, you get **AA9D8E**, and if you desaturate by 10%, it is **AAADB0**.

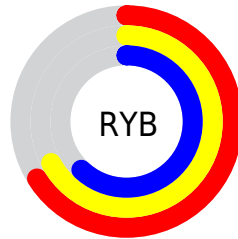
# Distribution



Red (67%)

Green (65%)

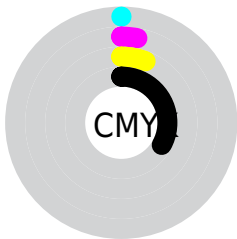
Blue (62%)



Red (66%)

Yellow (67%)

Blue (62%)

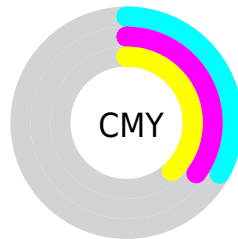


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA59F 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 AAA59F by changing the saturation by 10% instead.





AAA59F



AAA59F

FFFFFF



908B85



E1DCD6



76716C



FEF8F2



5D5953



46413C



2F2B27



1B1712



000000



AAA59F



AAA59F



AA9D8E



AAADB0

■ AA967D

■ AAB4C1

■ AA8E6C

■ AABCD2

■ AA865B

■ AAC4E3

■ AA7E4A

■ AACCF4

■ AA7739

■ AAD3FF

■ AA6F28

■ AADBFF

■ AA6717

■ AAE3FF

■ AA5F06

■ AAEBFF

# Harmonies

## Analogous

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



ADA4A1



AAA59F



A6A69F

# Triad

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



AAA59F



9EA8A8



A9A4AA

# Complementary

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



AAA59F



9FA4AA

# 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.



A5A5AC



AAA59F



9EA7AB

# Square

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



AAA59F



9FA8A4



A1A6AC



ACA4A7

# Rectangle

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



AAA59F



A3A7A0



A1A6AC



A8A4AB



# Sweetspot

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



AAA59F



DEDCD9



AA9FA4



706F6E



F0F0F0



707070



# Same Dimension

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



AAA59F



DED6CC



AAAA9F



54504C



945100



140B00

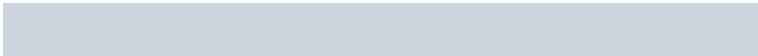


# Inverse Universe

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



9FA4AA



CCD4DE



9F9FAA



4C5054



004394



000914



# Previews

## White Background



This preview shows how the Hex color AAA59F looks on a white background.

## Color Contrast Check

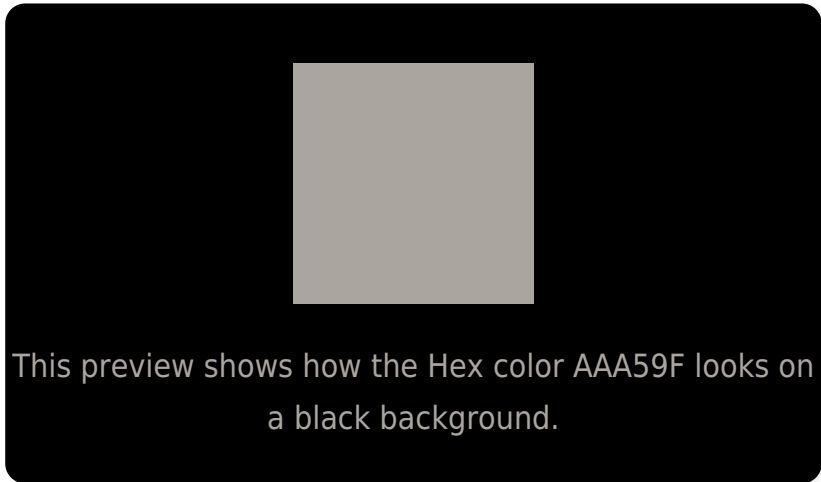
Large Text (above 18pt) WCAG AA × Fail

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

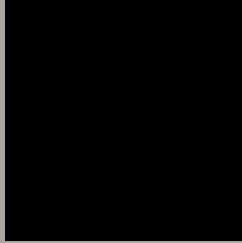
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

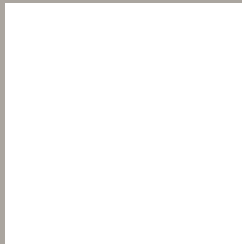
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAA59F Background



This preview shows how black text looks on a background with the Hex color AAA59F.

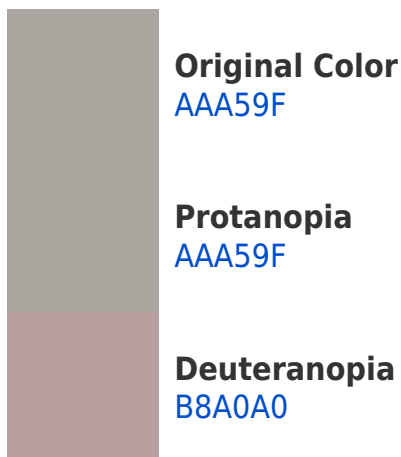


This preview shows how white text looks on a background with the Hex color AAA59F.

# Color Blindness Simulation

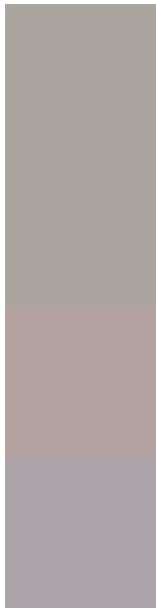
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
AAA59F

**Protanomaly**  
AAA59F

**Deuteranomaly**  
B3A2A0

**Tritanomaly**  
ABA4A9

# Monochromacy



**Original Color**  
AAA59F

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A7A6A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA59F 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 #AAA59F looks like.

```
.text, #text, p{  
    color:#AAA59F  
}
```

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 #AAA59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA59F
}
```

## Border

The CSS property to change the border of an element to Hex AAA59F is called "border". The border property can be set on classes, ids or directly on the HTML element.

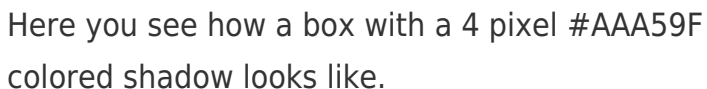
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AAA59F }
```

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

```
.border{ border-color:#AAA59F }
```

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



Here you see how a box with a 4 pixel #AAA59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA59F; -webkit-box-shadow:4px 4px  
4px 4px #AAA59F; box-shadow:4px 4px 4px  
4px #AAA59F }
```

# Background

The CSS property to change the background color of an element to Hex AAA59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA59F }
```

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

```
.background{ background-color:#AAA59F }
```

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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