

# Converting Colors

Hex(A1ACA9)

Have a look what the booklet for  
Hex(A1ACA9) contains.

<b>Hex(A1ACA9)</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(A1ACA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1ACA9
RGB	161, 172, 169
RGB Percent	63%, 67%, 66%
CMY	0.3686, 0.3255, 0.3373
CMYK	0.06, 0.00, 0.02, 0.33
HSL	164°, 6%, 65%
HSV	164°, 6%, 67%
XYZ	36.6119, 39.9467, 43.3169
YIQ	168.3690, -5.5930, -3.2650

# Conversions

## Conversions Part 2

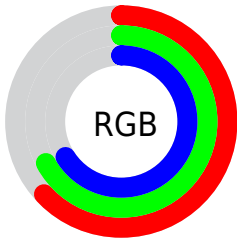
Format	Color
<a href="#">RYB</a>	<a href="#">161, 167, 172</a>
Decimal	<a href="#">10595497</a>
CIELab	<a href="#">69.43, -4.44, 0.20</a>
CIElCh	<a href="#">69, 4.442, 177.401</a>
Yxy	<a href="#">39.9467, 0.3054, 0.3332</a>
Android (android.graphics.Color)	<a href="#">4288785577</a> ( <a href="#">0xFFA1ACA9</a> )
YUV	<a href="#">168.3690, 0.3111, -6.4626</a>
Hunter-Lab	<a href="#">63.2034, -7.2060, 3.6075</a>

# Details

The Hex color **A1ACA9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACA1A4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D8E3E0**, and **6D7875** is the 20% darker color. If you saturate the color by 10%, you get **90ACA4**, and if you desaturate by 10%, it is **B2ACAE**.

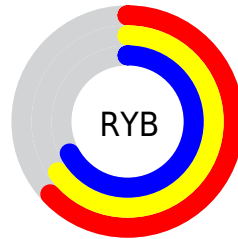
# Distribution



Red (63%)

Green (67%)

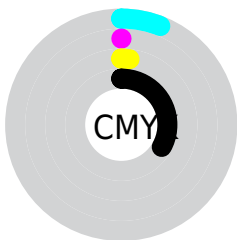
Blue (66%)



Red (63%)

Yellow (65%)

Blue (67%)

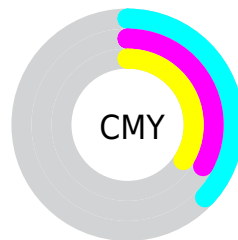


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1ACA9 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 A1ACA9 by changing the saturation by 10% instead.



 A1ACA9

 A1ACA9

FFFFFF

 87918F

 D8E3E0

 6D7875

 F4FFFD

 555F5C

 3E4745

 28312F

 141C1A

 000000

 A1ACA9

 A1ACA9

 90ACA4

 B2ACAE

 7FACA0

 C3ACB2

 6DAC9B

 D5ACB7

 5CAC96

 E6ACBC

 4BAC92

 F7ACC0

 3AAC8D

 FFACC5

 29AC88

 FFACCA

 17AC83

 FFACCF

 06AC7F

 FFACD3

# Harmonies

## Analogous

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



A4ABA5



A1ACA9



A0ACAD

# Triad

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



A1ACA9



AAA9B1



B1A8A3

# Complementary

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



A1ACA9



ACA1A4

# 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.



**B3A7A6**



**A1ACA9**



**AFA8AE**

# Square

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



A1ACA9



A5AAB1



B2A7AA



ADA9A2

# Rectangle

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



A1ACA9



A1ABAF



B2A7AA



B2A8A4



# Sweetspot

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



A1ACA9



DCE0DF



A4ACA1



6E7070



F0F0F0



707070



# Same Dimension

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



A1ACA9



CEE0DC



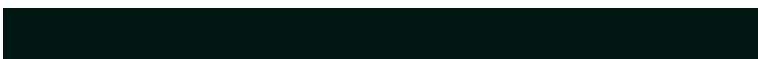
A1AAAC



4E5754



00966D



001711



# Inverse Universe

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



ACA1A4



E0CED3



ACA3A1



574E50



960029

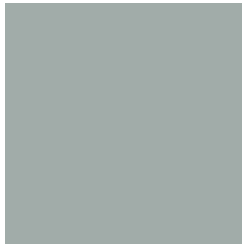


170006



# Previews

## White Background



This preview shows how the Hex color A1ACA9 looks on a white background.

## Color Contrast Check

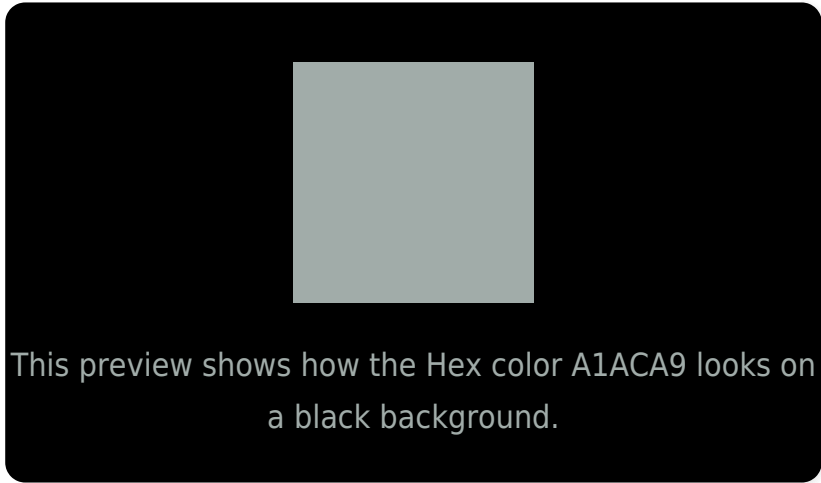
Large Text (above 18pt) WCAG AA × Fail

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

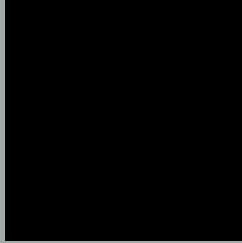
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

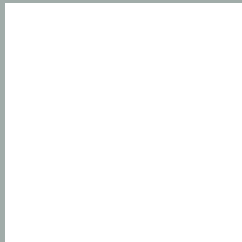
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1ACA9 Background



This preview shows how black text looks on a background with the Hex color A1ACA9.

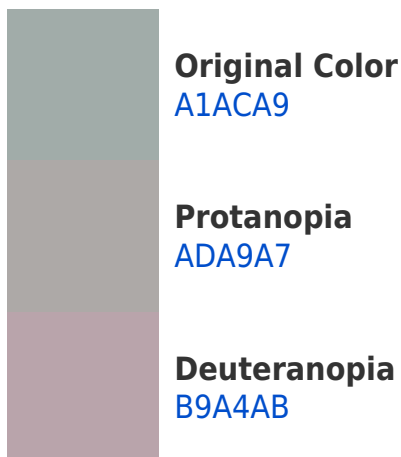


This preview shows how white text looks on a background with the Hex color A1ACA9.

# 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**  
A3AAB7

# Trichromacy



**Original Color**

A1ACA9

**Protanomaly**

A9AAA8

**Deuteranomaly**

B0A7AA

**Tritanomaly**

A2ABB2

# Monochromacy



**Original Color**

A1ACA9

**Achromatopsia**

A8A8A8

**Achromatomaly**

A5A9A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1ACA9 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 #A1ACA9 looks like.

```
.text, #text, p{  
    color:#A1ACA9  
}
```

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 #A1ACA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1ACA9
}
```

## Border

The CSS property to change the border of an element to Hex A1ACA9 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
#A1ACA9 }
```

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

```
.border{ border-color:#A1ACA9 }
```

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

Here you see how a box with a 4 pixel #A1ACA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1ACA9; -webkit-box-shadow:4px 4px  
4px 4px #A1ACA9; box-shadow:4px 4px 4px  
4px #A1ACA9 }
```

# Background

The CSS property to change the background color of an element to Hex A1ACA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1ACA9 }
```

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

```
.background{ background-color:#A1ACA9 }
```

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