

# Converting Colors

Hex(A7ACA7)

Have a look what the booklet for  
Hex(A7ACA7) contains.

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# **Color**

**Hex(A7ACA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7ACA7
RGB	167, 172, 167
RGB Percent	65%, 67%, 65%
CMY	0.3451, 0.3255, 0.3451
CMYK	0.03, 0.00, 0.03, 0.33
HSL	120°, 3%, 66%
HSV	120°, 3%, 67%
XYZ	37.6639, 40.5106, 42.3934
YIQ	169.9350, -1.3750, -2.6150

# Conversions

## Conversions Part 2

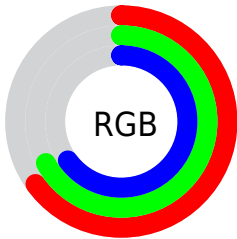
Format	Color
<a href="#">RYB</a>	<a href="#">167, 172, 172</a>
Decimal	<a href="#">10988711</a>
CIELab	<a href="#">69.83, -2.71, 1.94</a>
CIELCh	<a href="#">70, 3.336, 144.351</a>
Yxy	<a href="#">40.5106, 0.3124, 0.3360</a>
Android (android.graphics.Color)	<a href="#">4289178791 (0xFFA7ACA7)</a>
YUV	<a href="#">169.9350, -1.4470, -2.5740</a>
Hunter-Lab	<a href="#">63.6479, -5.7557, 5.0627</a>

# Details

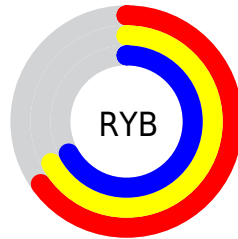
The Hex color **A7ACA7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACA7AC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DEE3DE**, and **737873** is the 20% darker color. If you saturate the color by 10%, you get **96AC96**, and if you desaturate by 10%, it is **B8ACB8**.

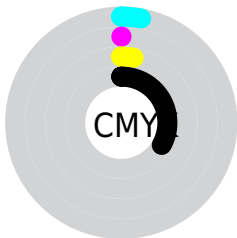
# Distribution



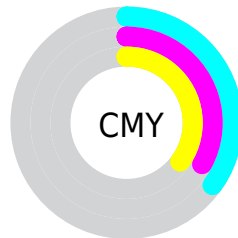
- Red (65%)
- Green (67%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7ACA7 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 A7ACA7 by changing the saturation by 10% instead.





A7ACA7



A7ACA7

FFFFFF



8D918D



DEE3DE



737873



FBFFFB



5B5F5B



434743



2D312D



181C18



000000



A7ACA7



A7ACA7



96AC96



B8ACB8

85AC85

C9ACC9

73AC73

DBACDB

62AC62

ECACEC

51AC51

FDACFD

40AC40

FFACFF

2FAC2F

1DAC1D

0CAC0C

# Harmonies

## Analogous

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



AAABA5



A7ACA7



A4ACAA

# Triad

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



A7ACA7



A7ABB1



B1A9A8

# Complementary

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



A7ACA7



ACA7AC

# 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.



**B1A9AB**



**A7ACA7**



**ABAAB0**

# Square

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



A7ACA7



A4ACAF



AEA9AE



B0A9A6

# Rectangle

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



A7ACA7



A4ACAC



AEA9AE



B1A9A9

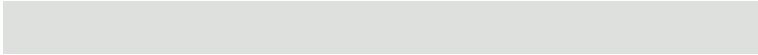


# Sweetspot

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



A7ACA7



DEE0DE



ACACA7



6F706F



F0F0F0



707070



# Same Dimension

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



A7ACA7



DAE0DA



A7ACAA



535753



009600



001700



# Inverse Universe

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



ACA7AC



E0DAE0



ACA7AA



575357



960096



170017



# Previews

## White Background



This preview shows how the Hex color A7ACA7 looks on a white background.

## Color Contrast Check

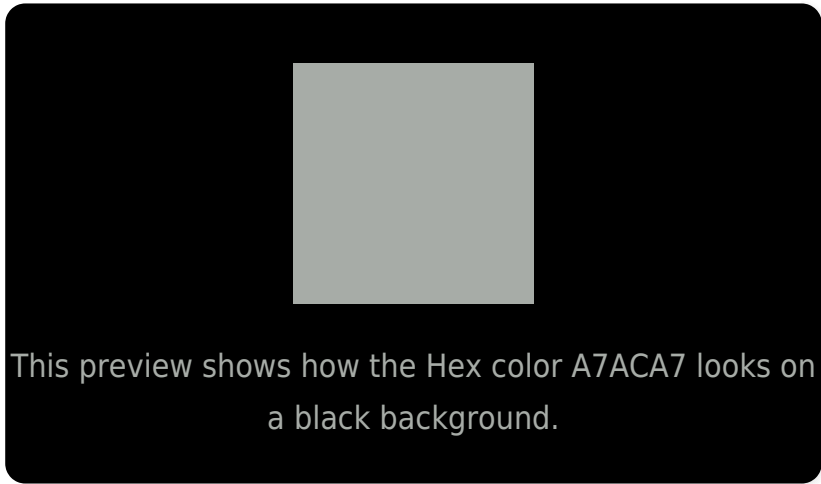
Large Text (above 18pt) WCAG AA × Fail

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

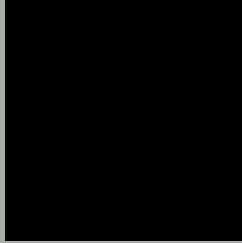
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

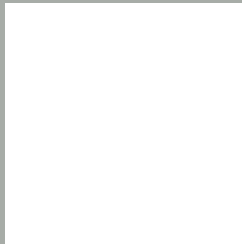
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7ACA7 Background



This preview shows how black text looks on a background with the Hex color A7ACA7.



This preview shows how white text looks on a background with the Hex color A7ACA7.

# 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



**Original Color**  
A7ACA7

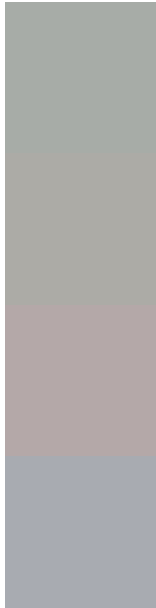
**Protanopia**  
AFAAA6

**Deuteranopia**  
BCA5A8



**Tritanopia**  
A9AAB7

# Trichromacy



**Original Color**

A7ACA7

**Protanomaly**

ACABA6

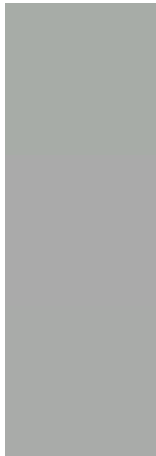
**Deuteranomaly**

B4A8A8

**Tritanomaly**

A8ABB1

# Monochromacy



**Original Color**

A7ACA7

**Achromatopsia**

AAAAAA

**Achromatomaly**

A9ABA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7ACA7 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 #A7ACA7 looks like.

```
.text, #text, p{  
    color:#A7ACA7  
}
```

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 #A7ACA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7ACA7  
}
```

## Border

The CSS property to change the border of an element to Hex A7ACA7 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  
#A7ACA7 }
```

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

```
.border{ border-color:#A7ACA7 }
```

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

Here you see how a box with a 4 pixel #A7ACA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7ACA7; -webkit-box-shadow:4px 4px  
4px 4px #A7ACA7; box-shadow:4px 4px 4px  
4px #A7ACA7 }
```

# Background

The CSS property to change the background color of an element to Hex A7ACA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7ACA7 }
```

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

```
.background{ background-color:#A7ACA7 }
```

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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