

# Converting Colors

Hex(AAA7B1)

Have a look what the booklet for  
Hex(AAA7B1) contains.

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# **Color**

**Hex(AAA7B1)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | AAA7B1                    |
| RGB         | 170, 167, 177             |
| RGB Percent | 67%, 65%, 69%             |
| CMY         | 0.3333, 0.3451, 0.3059    |
| CMYK        | 0.04, 0.06, 0.00, 0.31    |
| HSL         | 258°, 6%, 67%             |
| HSV         | 258°, 6%, 69%             |
| XYZ         | 38.3321, 39.3578, 47.1715 |
| YIQ         | 169.0370, -1.4220, 3.7460 |

# Conversions

## Conversions Part 2

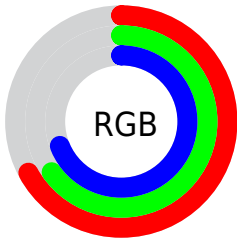
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">170, 167, 177</a>                                |
| Decimal                             | <a href="#">11184049</a>                                     |
| CIELab                              | <a href="#">69.01, 2.99, -4.77</a>                           |
| CIELCh                              | <a href="#">69, 5.627, 302.117</a>                           |
| Yxy                                 | <a href="#">39.3578, 0.3070, 0.3152</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289374129</a><br>( <a href="#">0xFFAAA7B1</a> ) |
| YUV                                 | <a href="#">169.0370, 3.9258, 0.8446</a>                     |
| Hunter-Lab                          | <a href="#">62.7358, -0.7227, -0.6655</a>                    |

# Details

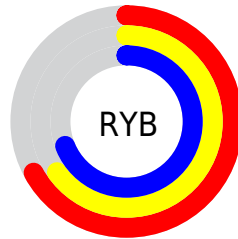
The Hex color **AAA7B1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEB1A7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E1DEE9**, and **76737C** is the 20% darker color. If you saturate the color by 10%, you get **9E95B1**, and if you desaturate by 10%, it is **B6B9B1**.

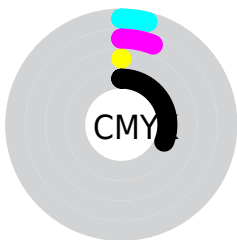
# Distribution



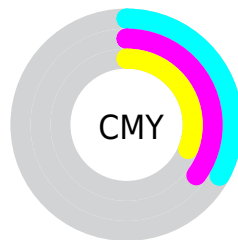
- Red (67%)
- Green (65%)
- Blue (69%)



- Red (67%)
- Yellow (65%)
- Blue (69%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (35%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA7B1 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 AAA7B1 by changing the saturation by 10% instead.



■ AAA7B1

■ AAA7B1

FFFFFF

■ 908D96

■ E1DEE9

■ 76737C

■ FEFBFF

■ 5D5B64

■ 46434C

■ 2F2D35

■ 1B1820

■ 000007

■ 000000

■ AAA7B1

■ AAA7B1

9E95B1

B6B9B1

9184B1

C3CAB1

8572B1

CFDCB1

7860B1

DCEEB1

6C4FB1

E8FFB1

603DB1

F4FFB1

532BB1

FFFFB1

4719B1

3A08B1

# Harmonies

## Analogous

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



A4A9B2



AAA7B1



B0A6AD

# Triad

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



AAA7B1



B1A7A0



9DACA9

# Complementary

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



AAA7B1



AEB1A7

# 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.



A1ABA3



AAA7B1



ACA89E

# Square

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



AAA7B1



B4A5A3



A7AAA0



9CABAE

# Rectangle

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



AAA7B1



B2A5AA



A7AAA0



9EABA7

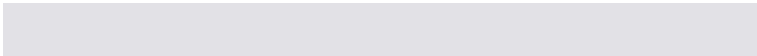


# Sweetspot

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



AAA7B1



E2E1E6



A7AEB1



717073



F2F2F2



737373



# Same Dimension

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



AAA7B1



DAD5E6



AFA7B1



545259



2E0099



08001A



# Inverse Universe

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



B1A7AE



E6D5E1



A9B1A7



595257



99006B

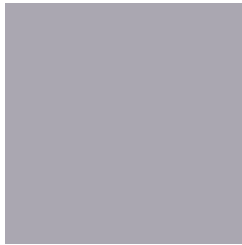


1A0012



# Previews

## White Background



This preview shows how the Hex color AAA7B1 looks on a white background.

## Color Contrast Check

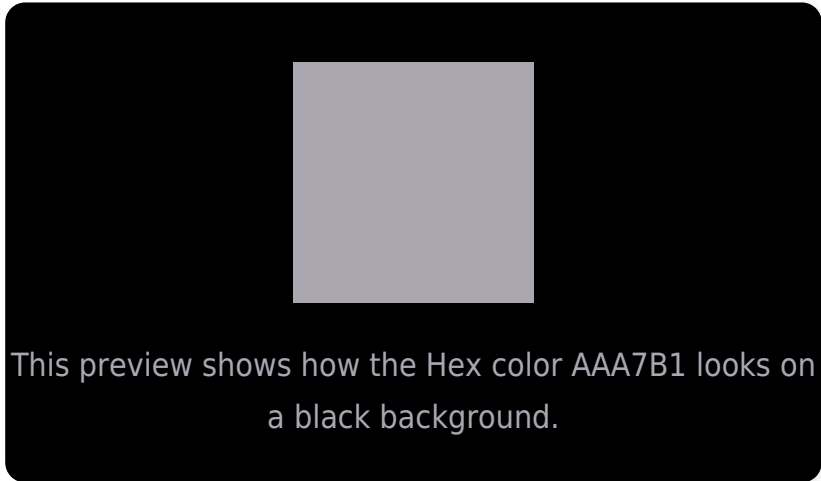
Large Text (above 18pt) WCAG AA × Fail

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

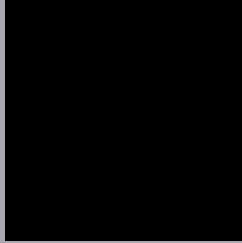
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

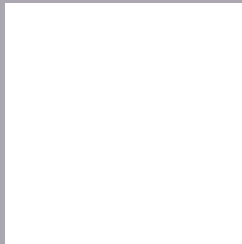
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAA7B1 Background



This preview shows how black text looks on a background with the Hex color AAA7B1.



This preview shows how white text looks on a background with the Hex color AAA7B1.

# 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**  
AAA7B1

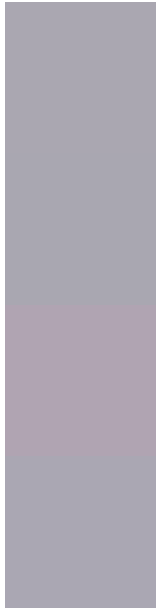
**Protanopia**  
A9A7B1

**Deuteranopia**  
B4A3B2



**Tritanopia**  
AAA7B4

# Trichromacy



**Original Color**

AAA7B1

**Protanomaly**

A9A7B1

**Deuteranomaly**

B0A4B2

**Tritanomaly**

AAA7B3

# Monochromacy



**Original Color**

AAA7B1

**Achromatopsia**

A9A9A9

**Achromatomaly**

A9A8AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA7B1 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 #AAA7B1 looks like.

```
.text, #text, p{  
    color:#AAA7B1  
}
```

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 #AAA7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA7B1
}
```

## Border

The CSS property to change the border of an element to Hex AAA7B1 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
#AAA7B1 }
```

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

```
.border{ border-color:#AAA7B1 }
```

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

Here you see how a box with a 4 pixel #AAA7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA7B1; -webkit-box-shadow:4px 4px  
4px 4px #AAA7B1; box-shadow:4px 4px 4px  
4px #AAA7B1 }
```

# Background

The CSS property to change the background color of an element to Hex AAA7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA7B1 }
```

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

```
.background{ background-color:#AAA7B1 }
```

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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