

# Converting Colors

Hex(AA7AA6)

Have a look what the booklet for  
Hex(AA7AA6) contains.

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# **Color**

**Hex(AA7AA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA7AA6
RGB	170, 122, 166
RGB Percent	67%, 48%, 65%
CMY	0.3333, 0.5216, 0.3490
CMYK	0.00, 0.28, 0.02, 0.33
HSL	305°, 22%, 57%
HSV	305°, 28%, 67%
XYZ	30.4200, 25.2183, 39.3407
YIQ	141.3680, 14.4840, 23.8600

# Conversions

## Conversions Part 2

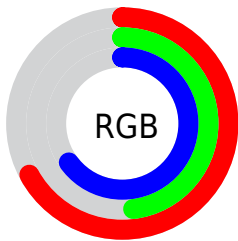
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 122, 166
Decimal	11172518
CIELab	57.29, 26.12, -16.09
CIELCh	57, 30.678, 328.365
Yxy	25.2183, 0.3203, 0.2655
Android (android.graphics.Color)	4289362598 (0xFFAA7AA6)
YUV	141.3680, 12.1436, 25.1103
Hunter-Lab	50.2178, 20.2473, -11.2954

# Details

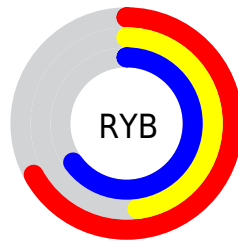
The Hex color **AA7AA6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7AAA7E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E2AFDD**, and **754872** is the 20% darker color. If you saturate the color by 10%, you get **AA69A5**, and if you desaturate by 10%, it is **AA8BA7**.

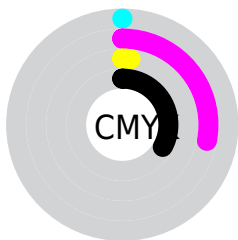
# Distribution



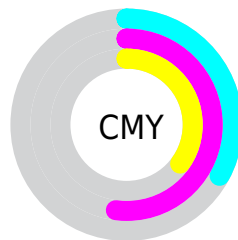
- Red (67%)
- Green (48%)
- Blue (65%)



- Red (67%)
- Yellow (48%)
- Blue (65%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7AA6 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 AA7AA6 by changing the saturation by 10% instead.



■ AA7AA6

■ AA7AA6

FFFFFF

■ 8F618C

■ E2AFDD

■ 754872

■ FFCBFA

■ 5C3159

■ FFE7FF

■ 431A42

■ 2C042C

■ 150017

■ 000000

■ AA7AA6

■ AA7AA6

■ AA69A5

■ AA8BA7

■ AA58A3

■ AA9CA9

■ AA47A2

■ AAADAA

■ AA36A0

■ AABEAC

■ AA259F

■ AACFAD

■ AA149E

■ AAEOAE

■ AA039C

■ AAF1B0

■ AA009C

■ AAFFB1

■ AAFFB3

# Harmonies

## Analogous

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



8B83B9



AA7AA6



BB758C

# Triad

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



AA7AA6



9D8754



2397A2

# Complementary

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



AA7AA6



7AAA7E

# 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.



3F9887



AA7AA6



81905A

# Square

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



AA7AA6



B27E5D



62956D



3594B6

# Rectangle

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



AA7AA6



BE757A



62956D



2A9899



# Sweetspot

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



AA7AA6



DECCDC



7E7AAA



70656F



F0F0F0



707070



# Same Dimension

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



AA7AA6



DE92D8



AA7A8E



544C53



940088



140013



# Inverse Universe

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



AA7AA6



DE92D8



7AAA96



544C53



940088

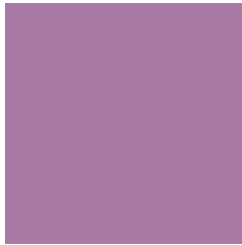


140013



# Previews

## White Background



This preview shows how the Hex color AA7AA6 looks on a white background.

## Color Contrast Check

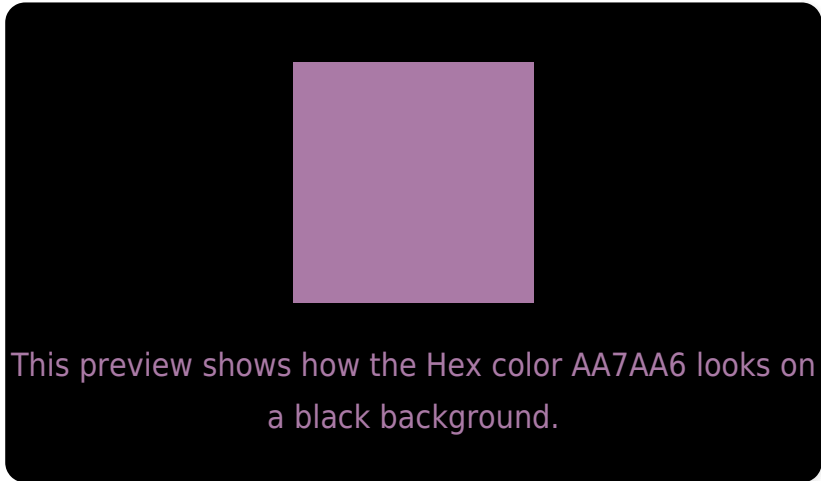
Large Text (above 18pt) WCAG AA ✓ Pass

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

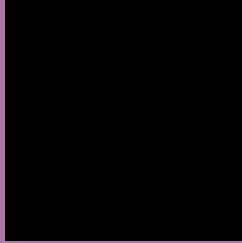
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA7AA6 Background



This preview shows how black text looks on a background with the Hex color AA7AA6.



This preview shows how white text looks on a background with the Hex color AA7AA6.

# 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**  
AA7AA6

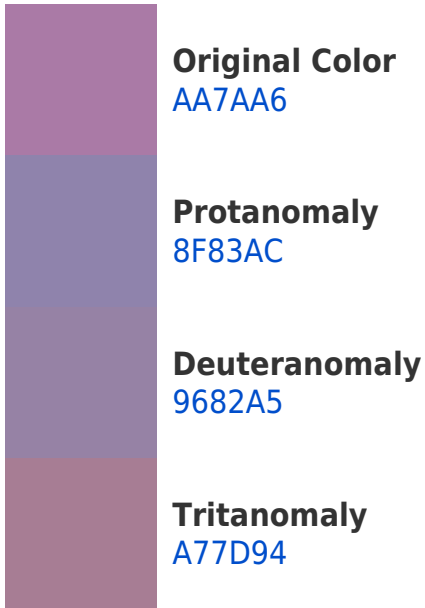
**Protanopia**  
8088B0

**Deuteranopia**  
8B87A4

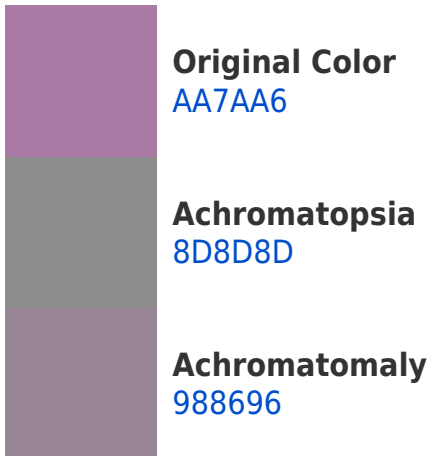


**Tritanopia**  
A67F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7AA6 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 #AA7AA6 looks like.

```
.text, #text, p{  
    color:#AA7AA6  
}
```

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 #AA7AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7AA6
}
```

## Border

The CSS property to change the border of an element to Hex AA7AA6 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
#AA7AA6 }
```

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

```
.border{ border-color:#AA7AA6 }
```

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

Here you see how a box with a 4 pixel #AA7AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7AA6; -webkit-box-shadow:4px 4px  
4px 4px #AA7AA6; box-shadow:4px 4px 4px  
4px #AA7AA6 }
```

# Background

The CSS property to change the background color of an element to Hex AA7AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7AA6 }
```

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

```
.background{ background-color:#AA7AA6 }
```

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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