

# Converting Colors

Hex(AA8DC3)

Have a look what the booklet for  
Hex(AA8DC3) contains.

<b>Hex(AA8DC3)</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(AA8DC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA8DC3
RGB	170, 141, 195
RGB Percent	67%, 55%, 76%
CMY	0.3333, 0.4471, 0.2353
CMYK	0.13, 0.28, 0.00, 0.24
HSL	272°, 31%, 66%
HSV	272°, 28%, 76%
XYZ	35.9528, 31.5359, 55.8219
YIQ	155.8270, -0.0500, 22.9420

# Conversions

## Conversions Part 2

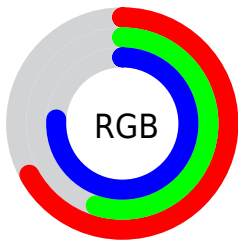
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 141, 195
Decimal	11177411
CIE Lab	62.96, 21.27, -23.94
CIE LCh	63, 32.023, 311.625
Yxy	31.5359, 0.2916, 0.2557
Android (android.graphics.Color)	4289367491 (0xFFAA8DC3)
YUV	155.8270, 19.3123, 12.4297
Hunter-Lab	56.1569, 16.0048, -19.6265

# Details

The Hex color **AA8DC3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6C38D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E2C3FC**, and **755B8D** is the 20% darker color. If you saturate the color by 10%, you get **A17AC3**, and if you desaturate by 10%, it is **B3A1C3**.

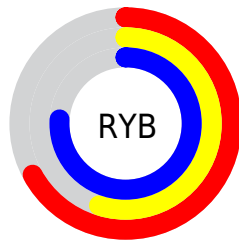
# Distribution



Red (67%)

Green (55%)

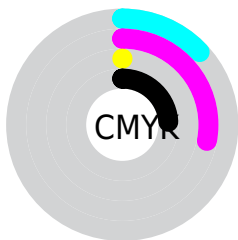
Blue (76%)



Red (67%)

Yellow (55%)

Blue (76%)

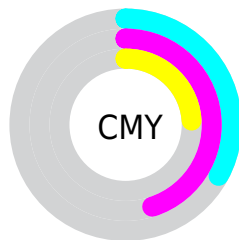


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (45%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8DC3 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 AA8DC3 by changing the saturation by 10% instead.



■ AA8DC3

■ AA8DC3

FFFFFF

■ 8F73A8

■ E2C3FC

■ 755B8D

■ FFDFFF

■ 5C4373

■ FFFBFF

■ 442C5B

■ 2C1743

■ 19002D

■ 000117

■ 000000

■ AA8DC3

■ AA8DC3

 A17AC3

 B3A1C3

 9866C3

 BCB4C3

 8F53C3

 C5C8C3

 863FC3

 CEDBC3

 7D2CC3

 D7EFC3

 7418C3

 E0FFC3

 6B05C3

 E9FFC3

 6900C3

 F2FFC3

 FBFFC3

# Harmonies

## Analogous

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



8297D0



AA8DC3



C585AB

# Triad

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



AA8DC3



BB9163



3CA8A3

# Complementary

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



AA8DC3



A6C38D

# 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.



5EA685



AA8DC3



A19A60

# Square

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



AA8DC3



CC8774



81A26D



31A6BD

# Rectangle

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



AA8DC3



CE8398



81A26D



47A899



# Sweetspot

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



AA8DC3



F3E8FC



8DA6C3



7A7380



000000



808080



# Same Dimension

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



AA8DC3



D6A9FC



C38DC1



5C5761



5600A1



120021



# Inverse Universe

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



C38DA6



FCA9D0



8DC38F



61575C



A1004A

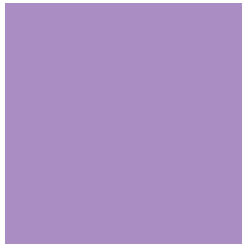


21000F



# Previews

## White Background



This preview shows how the Hex color AA8DC3 looks on a white background.

## Color Contrast Check

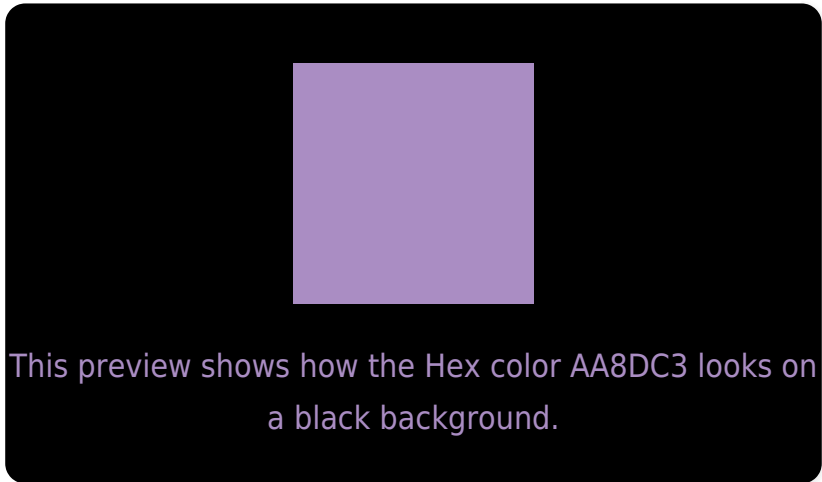
Large Text (above 18pt) WCAG AA × Fail

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

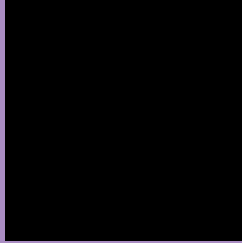
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA8DC3 Background



This preview shows how black text looks on a background with the Hex color AA8DC3.

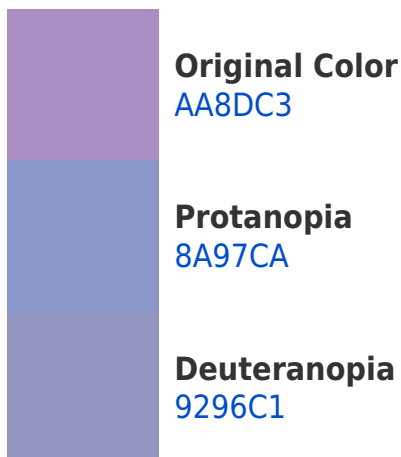


This preview shows how white text looks on a background with the Hex color AA8DC3.

# 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](#).

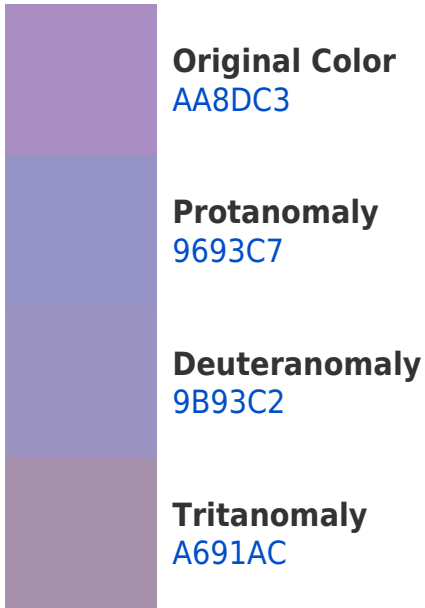
## Dichromacy



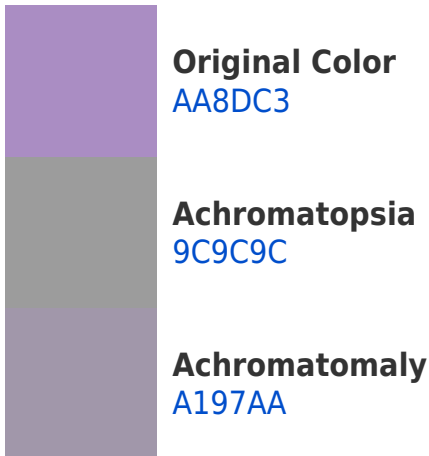


**Tritanopia**  
A4949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8DC3 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 #AA8DC3 looks like.

```
.text, #text, p{  
    color:#AA8DC3  
}
```

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 #AA8DC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8DC3  
}
```

## Border

The CSS property to change the border of an element to Hex AA8DC3 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  
#AA8DC3 }
```

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

```
.border{ border-color:#AA8DC3 }
```

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

Here you see how a box with a 4 pixel #AA8DC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8DC3; -webkit-box-shadow:4px 4px  
4px 4px #AA8DC3; box-shadow:4px 4px 4px  
4px #AA8DC3 }
```

# Background

The CSS property to change the background color of an element to Hex AA8DC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8DC3 }
```

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

```
.background{ background-color:#AA8DC3 }
```

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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