

# Converting Colors

Hex(AA7895)

Have a look what the booklet for  
Hex(AA7895) contains.

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# Color

Hex(AA7895)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7895
RGB	170, 120, 149
RGB Percent	67%, 47%, 58%
CMY	0.3333, 0.5294, 0.4157
CMYK	0.00, 0.29, 0.12, 0.33
HSL	325°, 23%, 57%
HSV	325°, 29%, 67%
XYZ	28.7188, 24.1489, 31.5813
YIQ	138.2560, 20.4910, 19.6190

# Conversions

## Conversions Part 2

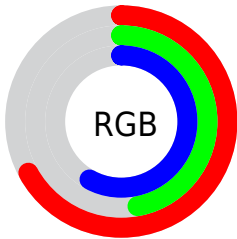
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 120, 149
Decimal	11171989
CIE <sub>Lab</sub>	56.24, 24.15, -7.84
CIE <sub>LCh</sub>	56, 25.393, 342.008
Yxy	24.1489, 0.3401, 0.2860
Android (android.graphics.Color)	4289362069 (0xFFAA7895)
YUV	138.2560, 5.2968, 27.8395
Hunter-Lab	49.1415, 18.3196, -3.7043

# Details

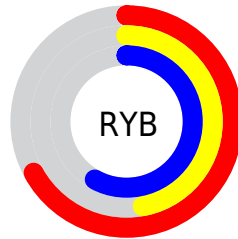
The Hex color **AA7895** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78AA8D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E2ADCB**, and **754762** is the 20% darker color. If you saturate the color by 10%, you get **AA678E**, and if you desaturate by 10%, it is **AA899C**.

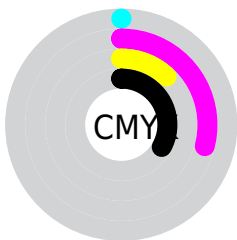
# Distribution



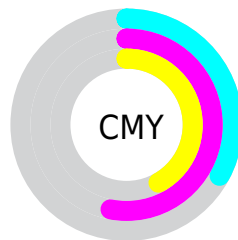
- Red (67%)
- Green (47%)
- Blue (58%)



- Red (67%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (12%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7895 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 AA7895 by changing the saturation by 10% instead.



■ AA7895

■ AA7895

FFFFFF

■ 8F5F7B

■ E2ADCB

■ 754762

■ FFC8E7

■ 5C2F4A

■ FFE5FF

■ 431934

■ 2C031F

■ 110004

■ 000000

■ AA7895

■ AA7895

■ AA678E

■ AA899C

■ AA5687

■ AA9AA3

■ AA4580

■ AAABAA

■ AA3478

■ AABCB2

■ AA2371

■ AACDB9

■ AA126A

■ AADEC0

■ AA0163

■ AA EFC7

■ AA0063

■ AAFFCE

■ AAFFD5

# Harmonies

## Analogous

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



957EA8



AA7895



B3767F

# Triad

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



AA7895



8D885B



4191A4

# Complementary

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



AA7895



78AA8D

# 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.



45938F



AA7895



758E65

# Square

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



AA7895



A2815D



5B9278



578DB0

# Rectangle

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



AA7895



B27870



5B9278



3F929D



# Sweetspot

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



AA7895



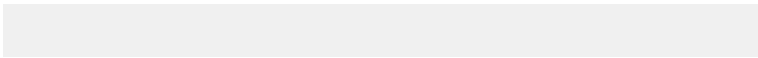
DECAD5



8D78AA



70646B



F0F0F0



707070



# Same Dimension

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



AA7895



DE90BD



AA787C



544C51



940056



14000C



# Inverse Universe

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



AA7895



DE90BD



78AAA6



544C51



940056

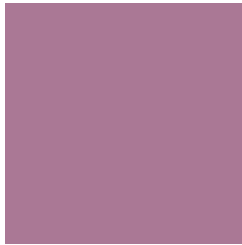


14000C



# Previews

## White Background



This preview shows how the Hex color AA7895 looks on a white background.

## Color Contrast Check

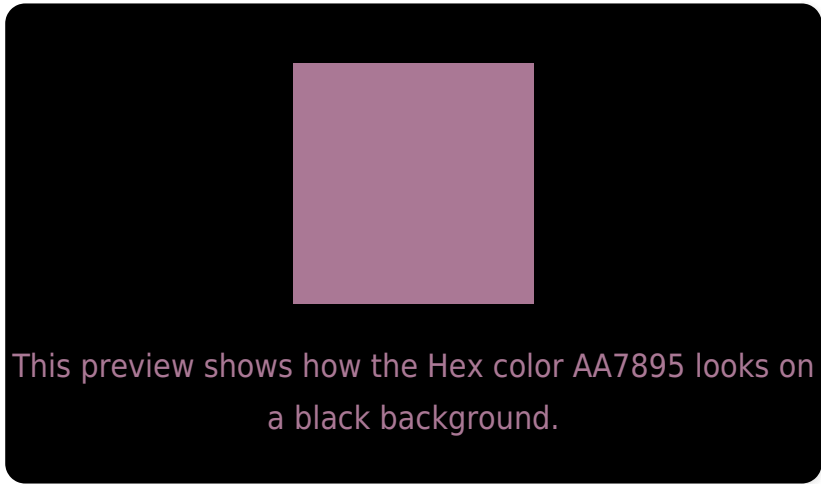
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7895 Background



This preview shows how black text looks on a background with the Hex color AA7895.



This preview shows how white text looks on a background with the Hex color AA7895.

# 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**  
AA7895

**Protanopia**  
83869E

**Deuteranopia**  
8F8393



**Tritanopia**  
A87B84

# Trichromacy



**Original Color**  
AA7895

**Protanomaly**  
91819B

**Deuteranomaly**  
997F94

**Tritanomaly**  
A97A8A

# Monochromacy



**Original Color**  
AA7895

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
96838E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7895 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 #AA7895 looks like.

```
.text, #text, p{  
    color:#AA7895  
}
```

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 #AA7895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7895
}
```

## Border

The CSS property to change the border of an element to Hex AA7895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

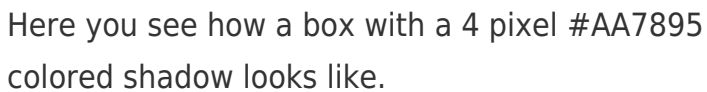
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA7895 }
```

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

```
.border{ border-color:#AA7895 }
```

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



Here you see how a box with a 4 pixel #AA7895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7895; -webkit-box-shadow:4px 4px  
4px 4px #AA7895; box-shadow:4px 4px 4px  
4px #AA7895 }
```

# Background

The CSS property to change the background color of an element to Hex AA7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7895 }
```

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

```
.background{ background-color:#AA7895 }
```

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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