

# Converting Colors

Hex(AA8788)

Have a look what the booklet for  
Hex(AA8788) contains.

<b>Hex(AA8788)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AA8788)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA8788
RGB	170, 135, 136
RGB Percent	67%, 53%, 53%
CMY	0.3333, 0.4706, 0.4667
CMYK	0.00, 0.21, 0.20, 0.33
HSL	358°, 17%, 60%
HSV	358°, 21%, 67%
XYZ	29.6855, 27.6516, 27.0652
YIQ	145.5790, 20.5390, 7.7310

# Conversions

## Conversions Part 2

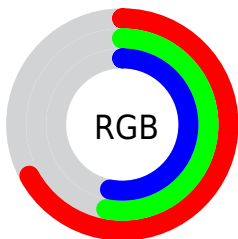
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 135, 136
Decimal	11175816
CIE <sub>Lab</sub>	59.57, 13.49, 4.55
CIE <sub>LCh</sub>	60, 14.240, 18.617
Yxy	27.6516, 0.3517, 0.3276
Android (android.graphics.Color)	4289365896 (0xFFAA8788)
YUV	145.5790, -4.7224, 21.4172
Hunter-Lab	52.5848, 8.7446, 6.2929

# Details

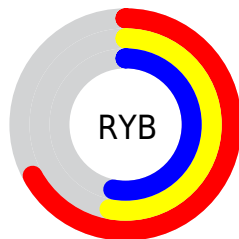
The Hex color **AA8788** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **87AAA9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E2BCBD**, and **755556** is the 20% darker color. If you saturate the color by 10%, you get **AA7677**, and if you desaturate by 10%, it is **AA9899**.

# Distribution



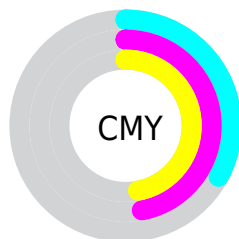
- Red (67%)
- Green (53%)
- Blue (53%)



- Red (67%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8788 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 AA8788 by changing the saturation by 10% instead.





AA8788



AA8788

FFFFFF



8F6E6F



E2BCBD



755556



FFD8D9



5C3E3F



FFF5F5



442829



2D1315



180001



000000



AA8788



AA8788



AA7677



AA9899

■ AA6567

■ AAA9A9

■ AA5456

■ AABABA

■ AA4346

■ AACBCA

■ AA3235

■ AADCDB

■ AA2125

■ AAEDEB

■ AA1014

■ AAFEFC

■ AA0005

■ AAFFFF

# Harmonies

## Analogous

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



A68795



AA8788



A7897D

# Triad

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



AA8788



83947F



7C92A8

# Complementary

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



AA8788



87AAA9

# 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.



7195A2



AA8788



76968A

# Square

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



AA8788



919178



6F9797



8C8EA7

# Rectangle

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



AA8788



A28C79



6F9797



7793A6



# Sweetspot

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



AA8788



DED1D1



A987AA



706869



F0F0F0



707070



# Same Dimension

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



AA8788



DEA6A8



AA9787



544C4C



940004



140001



# Inverse Universe

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



AA8788



DEA6A8



879AAA



544C4C



940004

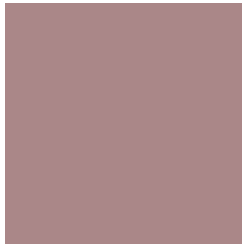


140001



# Previews

## White Background



This preview shows how the Hex color AA8788 looks on a white background.

## Color Contrast Check

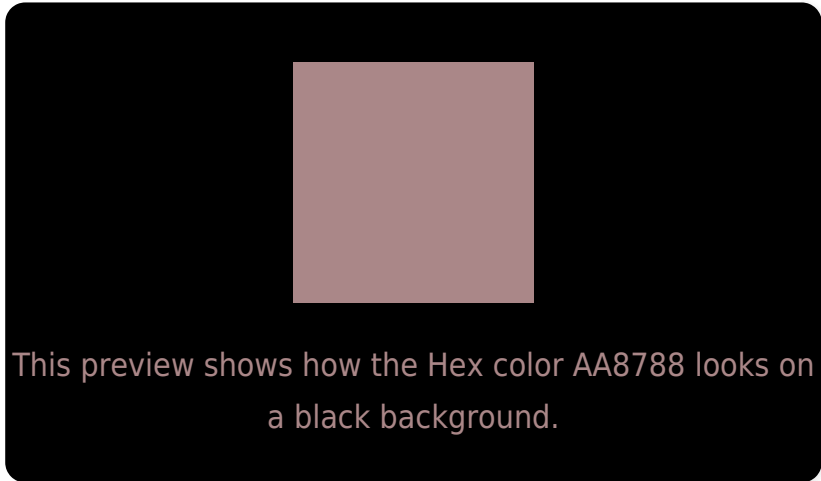
Large Text (above 18pt) WCAG AA ✓ Pass

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

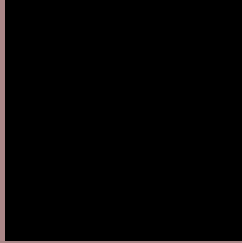
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA8788 Background



This preview shows how black text looks on a background with the Hex color AA8788.



This preview shows how white text looks on a background with the Hex color AA8788.

# 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**  
AA8788

**Protanopia**  
938F8C

**Deuteranopia**  
A18B87



**Tritanopia**  
AB8690

# Trichromacy



**Original Color**  
AA8788

**Protanomaly**  
9B8C8B

**Deuteranomaly**  
A48A87

**Tritanomaly**  
AB868D

# Monochromacy



**Original Color**  
AA8788

**Achromatopsia**  
929292

**Achromatomaly**  
9B8E8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8788 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 #AA8788 looks like.

```
.text, #text, p{  
    color:#AA8788  
}
```

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 #AA8788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8788
}
```

## Border

The CSS property to change the border of an element to Hex AA8788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

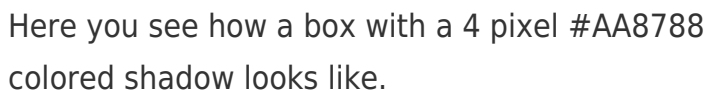
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA8788 }
```

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

```
.border{ border-color:#AA8788 }
```

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



Here you see how a box with a 4 pixel #AA8788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8788; -webkit-box-shadow:4px 4px  
4px 4px #AA8788; box-shadow:4px 4px 4px  
4px #AA8788 }
```

# Background

The CSS property to change the background color of an element to Hex AA8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8788 }
```

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

```
.background{ background-color:#AA8788 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor