

Converting Colors

Hex(AA8787)

Have a look what the booklet for
Hex(AA8787) contains.

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Color

Hex(AA8787)

Conversions

Conversions Part 1

Format	Color
Hex	AA8787
RGB	170, 135, 135
RGB Percent	67%, 53%, 53%
CMY	0.3333, 0.4706, 0.4706
CMYK	0.00, 0.21, 0.21, 0.33
HSL	0°, 17%, 60%
HSV	0°, 21%, 67%
XYZ	29.6147, 27.6233, 26.6926
YIQ	145.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

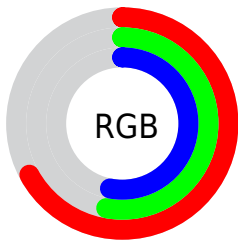
Format	Color
RYB	170, 135, 135
Decimal	11175815
CIELab	59.55, 13.34, 5.08
CIELCh	60, 14.271, 20.858
Yxy	27.6233, 0.3528, 0.3291
Android (android.graphics.Color)	4289365895 (0xFFAA8787)
YUV	145.4650, -5.1592, 21.5172
Hunter-Lab	52.5578, 8.6030, 6.6788

Details

The Hex color **AA8787** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **87AAAA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E2BCBC**, and **755555** is the 20% darker color. If you saturate the color by 10%, you get **AA7676**, and if you desaturate by 10%, it is **AA9898**.

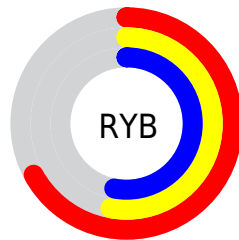
Distribution



Red (67%)

Green (53%)

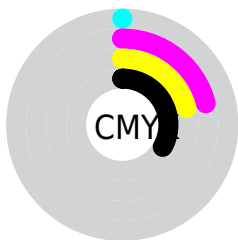
Blue (53%)



Red (67%)

Yellow (53%)

Blue (53%)

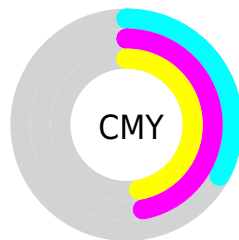


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA8787 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 AA8787 by changing the saturation by 10% instead.

■ AA8787

■ AA8787

FFFFFF

■ 8F6E6E

■ E2BCBC

■ 755555

■ FFD8D8

■ 5C3E3E

■ FFF5F4

■ 442828

■ 2D1314

■ 180001

■ 000000

■ AA8787

■ AA8787

■ AA7676

■ AA9898

■ AA6565

■ AAA9A9

■ AA5454

■ AABABA

■ AA4343

■ AACBCB

■ AA3232

■ AADCDC

■ AA2121

■ AAEDED

■ AA1010

■ AAFEFE

■ AA0000

■ AAFFFF

Harmonies

Analogous

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



A68794



AA8787



A7897C

Triad

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



AA8787



82957F



7D92A8

Complementary

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



AA8787



87AAAA

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



AA8787



75978B

Square

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



AA8787



909178



6F9798



8D8DA7

Rectangle

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



AA8787



A18C78



6F9798



7893A7

Sweetspot

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



AA8787



DED1D1



AA87AA



706868



F0F0F0



707070

Same Dimension

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



AA8787



DEA6A6



AA9887



544C4C



940000



140000

Inverse Universe

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



87AAAA



A6DEDE



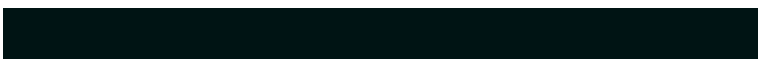
8798AA



4C5454



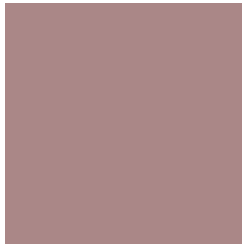
009494



001414

Previews

White Background



This preview shows how the Hex color AA8787 looks on a white background.

Color Contrast Check

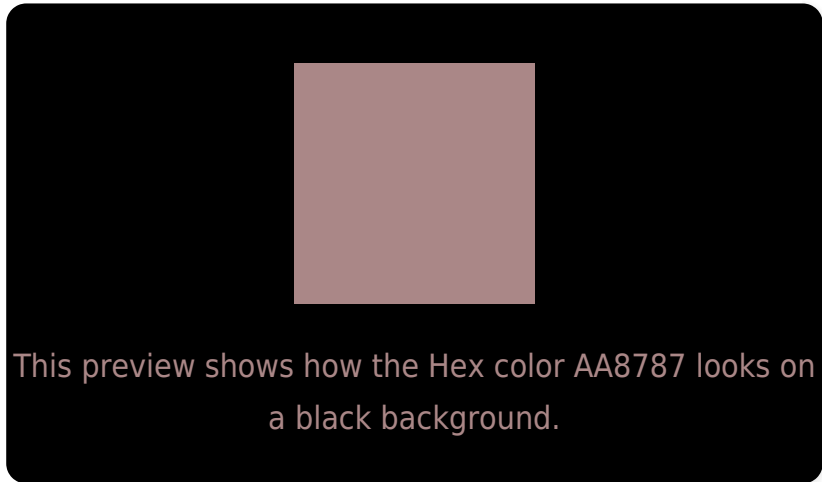
Large Text (above 18pt) WCAG AA ✓ Pass

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

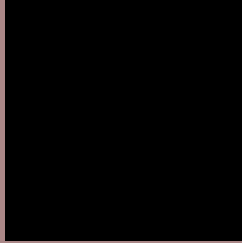
Any Text WCAG AA ✓ Pass

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 AA8787 Background



This preview shows how black text looks on a background with the Hex color AA8787.



This preview shows how white text looks on a background with the Hex color AA8787.

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
AA8787

Protanopia
938F8B

Deuteranopia
A18B86



Tritanopia
AB8690

Trichromacy



Original Color
AA8787

Protanomaly
9B8C8A

Deuteranomaly
A48A86

Tritanomaly
AB868D

Monochromacy



Original Color
AA8787

Achromatopsia
919191

Achromatomaly
9A8D8D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA8787 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 #AA8787 looks like.

```
.text, #text, p{  
    color:#AA8787  
}
```

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 #AA8787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8787
}
```

Border

The CSS property to change the border of an element to Hex AA8787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

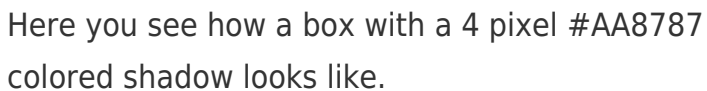
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA8787 }
```

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

```
.border{ border-color:#AA8787 }
```

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



Here you see how a box with a 4 pixel #AA8787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8787; -webkit-box-shadow:4px 4px  
4px 4px #AA8787; box-shadow:4px 4px 4px  
4px #AA8787 }
```

Background

The CSS property to change the background color of an element to Hex AA8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8787 }
```

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

```
.background{ background-color:#AA8787 }
```

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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