

Converting Colors

Hex(AA938E)

Have a look what the booklet for
Hex(AA938E) contains.

Hex(AA938E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA938E)

Conversions

Conversions Part 1

Format	Color
Hex	AA938E
RGB	170, 147, 142
RGB Percent	67%, 58%, 56%
CMY	0.3333, 0.4235, 0.4431
CMYK	0.00, 0.14, 0.16, 0.33
HSL	11°, 14%, 61%
HSV	11°, 16%, 67%
XYZ	31.8938, 31.3665, 29.9645
YIQ	153.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

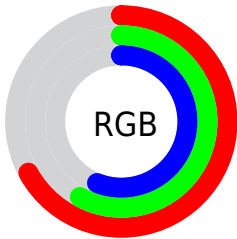
Format	Color
RYB	170, 148, 142
Decimal	11178894
CIELab	62.82, 7.73, 5.80
CIELCh	63, 9.661, 36.887
Yxy	31.3665, 0.3421, 0.3365
Android (android.graphics.Color)	4289368974 (0xFFAA938E)
YUV	153.3070, -5.5744, 14.6398
Hunter-Lab	56.0058, 3.6408, 7.4824

Details

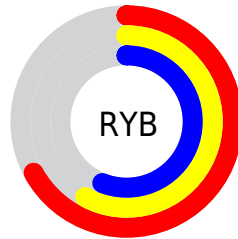
The Hex color **AA938E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8EA5AA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E2C9C4**, and **76605C** is the 20% darker color. If you saturate the color by 10%, you get **AA857D**, and if you desaturate by 10%, it is **AAA19F**.

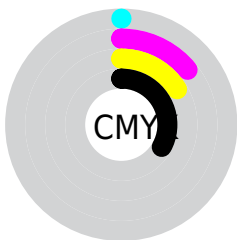
Distribution



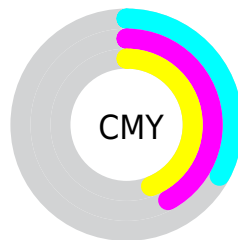
- Red (67%)
- Green (58%)
- Blue (56%)



- Red (67%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA938E 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 AA938E by changing the saturation by 10% instead.



AA938E



AA938E

FFFFFF



8F7974



E2C9C4



76605C



FEE5E0



5D4944

FFFFFFC



45322E



2E1D19



1B0400



000000



AA938E



AA938E



AA857D



AAA19F

■ AA776C

■ AAafb0

■ AA695B

■ AABDC1

■ AA5B4A

■ AACBD2

■ AA4D39

■ AAD9E3

■ AA3F28

■ AAE7F4

■ AA3117

■ AAF5FF

■ AA2306

■ AAAAAA

■ AA1E00

Harmonies

Analogous

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



AA9296



AA938E



A59588

Triad

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



AA938E



8A9C91



9198A9

Complementary

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



AA938E



8EA5AA

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.



889BA7



AA938E



849D9A

Square

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



AA938E



939B8A



839DA2



9C95A6

Rectangle

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



AA938E



A09787



839DA2



8E99A9

Sweetspot

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



AA938E



DED5D3



AA8EA5



706B69



F0F0F0



707070

Same Dimension

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



AA938E



DEB9B1



AAA18E



544D4C



941A00



140400

Inverse Universe

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



8EA5AA



B1D6DE



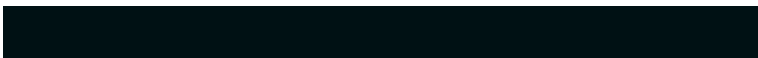
8E97AA



4C5354



007994



001114

Previews

White Background



This preview shows how the Hex color AA938E looks on a white background.

Color Contrast Check

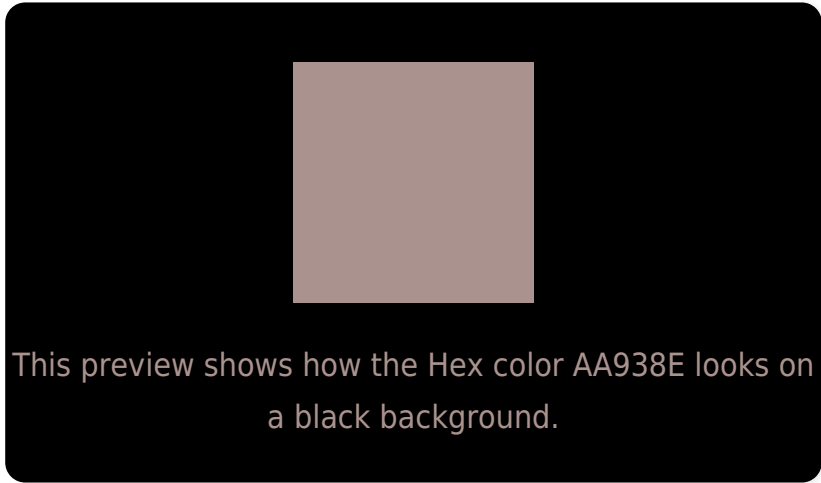
Large Text (above 18pt) WCAG AA × Fail

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

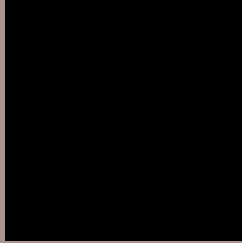
Any Text WCAG AA ✓ Pass

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 AA938E Background



This preview shows how black text looks on a background with the Hex color AA938E.



This preview shows how white text looks on a background with the Hex color AA938E.

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
AA938E

Protanopia
9D9790

Deuteranopia
AA938E



Tritanopia
AC919C

Trichromacy



Original Color
AA938E

Protanomaly
A2968F

Deuteranomaly
AA938E

Tritanomaly
AB9297

Monochromacy



Original Color
AA938E

Achromatopsia
999999

Achromatomaly
9F9795

CSS Examples

Text

The CSS property to change the color of the text to Hex AA938E 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 #AA938E looks like.

```
.text, #text, p{  
    color:#AA938E  
}
```

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 #AA938E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA938E
}
```

Border

The CSS property to change the border of an element to Hex AA938E is called "border". The border property can be set on classes, ids or directly on the HTML element.

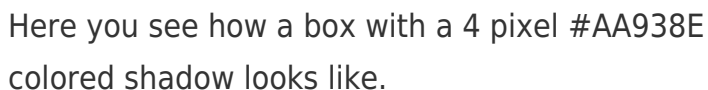
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA938E }
```

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

```
.border{ border-color:#AA938E }
```

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



Here you see how a box with a 4 pixel #AA938E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA938E; -webkit-box-shadow:4px 4px  
4px 4px #AA938E; box-shadow:4px 4px 4px  
4px #AA938E }
```

Background

The CSS property to change the background color of an element to Hex AA938E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA938E }
```

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

```
.background{ background-color:#AA938E }
```

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