

Converting Colors

Hex(AA9EA2)

Have a look what the booklet for
Hex(AA9EA2) contains.

Hex(AA9EA2)	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(AA9EA2)

Conversions

Conversions Part 1

Format	Color
Hex	AA9EA2
RGB	170, 158, 162
RGB Percent	67%, 62%, 64%
CMY	0.3333, 0.3804, 0.3647
CMYK	0.00, 0.07, 0.05, 0.33
HSL	340°, 7%, 64%
HSV	340°, 7%, 67%
XYZ	35.3260, 35.6084, 39.1936
YIQ	162.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

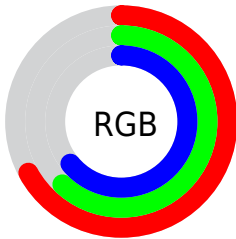
Format	Color
RYB	170, 158, 162
Decimal	11181730
CIELab	66.22, 5.10, -0.51
CIElCh	66, 5.122, 354.256
Yxy	35.6084, 0.3208, 0.3233
Android (android.graphics.Color)	4289371810 (0xFFAA9EA2)
YUV	162.0440, -0.0217, 6.9774
Hunter-Lab	59.6728, 1.2438, 2.8287

Details

The Hex color **AA9EA2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EAAA6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E1D5D9**, and **766B6E** is the 20% darker color. If you saturate the color by 10%, you get **AA8D97**, and if you desaturate by 10%, it is **AAAFAD**.

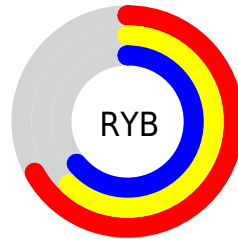
Distribution



Red (67%)

Green (62%)

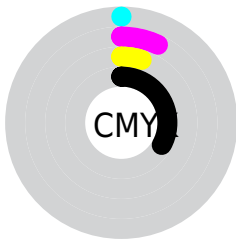
Blue (64%)



Red (67%)

Yellow (62%)

Blue (64%)

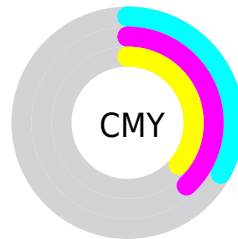


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9EA2 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 AA9EA2 by changing the saturation by 10% instead.



AA9EA2



AA9EA2

FFFFFF



908488



E1D5D9



766B6E



FEF1F5



5D5356



463B3F



2F2629



1B1115



000000



AA9EA2



AA9EA2



AA8D97



AAAFAD

■ AA7C8B

■ AAC0B9

■ AA6B80

■ AAD1C4

■ AA5A75

■ AAE2CF

■ AA4969

■ AAF3DB

■ AA385E

■ AAFFE6

■ AA2753

■ AAFFF1

■ AA1647

■ AAFFFD

■ AA053C

■ AAFFFF

Harmonies

Analogous

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



A69FA6



AA9EA2



AB9E9D

Triad

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



AA9EA2



A1A299



97A3A8

Complementary

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



AA9EA2



9EAAA6

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.



96A4A5



AA9EA2



9BA39B

Square

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



AA9EA2



A6A098



97A4A0



9BA2AA

Rectangle

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



AA9EA2



AB9F9B



97A4A0



97A3A7

Sweetspot

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



AA9EA2



DED9DB



A69EAA



706E6F



F0F0F0



707070

Same Dimension

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



AA9EA2



DECCD2



AAA09E



544C4F



940031



140007

Inverse Universe

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



AA9EA2



DECCD2



9EA8AA



544C4F



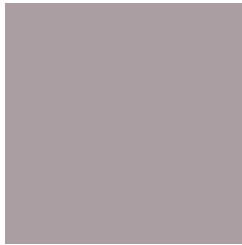
940031



140007

Previews

White Background



This preview shows how the Hex color AA9EA2 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



This preview shows how the Hex color AA9EA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

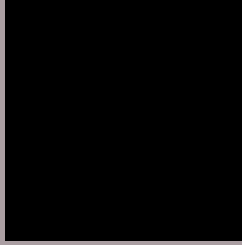
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

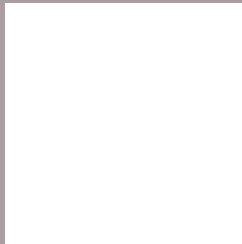
Any Text WCAG AAA ✓ Pass

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

Hex AA9EA2 Background



This preview shows how black text looks on a background with the Hex color AA9EA2.



This preview shows how white text looks on a background with the Hex color AA9EA2.

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
AA9EA2

Protanopia
A3A0A3

Deuteranopia
B09CA2



Tritanopia
AB9DA9

Trichromacy



Original Color

AA9EA2

Protanomaly

A69FA3

Deuteranomaly

AE9DA2

Tritanomaly

AB9DA6

Monochromacy



Original Color

AA9EA2

Achromatopsia

A2A2A2

Achromatomaly

A5A1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex AA9EA2 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 #AA9EA2 looks like.

```
.text, #text, p{  
    color:#AA9EA2  
}
```

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 #AA9EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9EA2
}
```

Border

The CSS property to change the border of an element to Hex AA9EA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

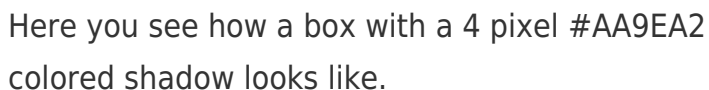
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA9EA2 }
```

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

```
.border{ border-color:#AA9EA2 }
```

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



Here you see how a box with a 4 pixel #AA9EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9EA2; -webkit-box-shadow:4px 4px  
4px 4px #AA9EA2; box-shadow:4px 4px 4px  
4px #AA9EA2 }
```

Background

The CSS property to change the background color of an element to Hex AA9EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9EA2 }
```

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

```
.background{ background-color:#AA9EA2 }
```

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