

Converting Colors

Hex(AA80A2)

Have a look what the booklet for
Hex(AA80A2) contains.

Hex(AA80A2)	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(AA80A2)

Conversions

Conversions Part 1

Format	Color
Hex	AA80A2
RGB	170, 128, 162
RGB Percent	67%, 50%, 64%
CMY	0.3333, 0.4980, 0.3647
CMYK	0.00, 0.25, 0.05, 0.33
HSL	311°, 20%, 58%
HSV	311°, 25%, 67%
XYZ	30.8183, 26.5930, 37.6911
YIQ	144.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

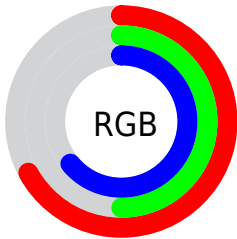
Format	Color
RYB	170, 128, 162
Decimal	11174050
CIELab	58.60, 21.97, -11.82
CIELCh	59, 24.943, 331.725
Yxy	26.5930, 0.3241, 0.2796
Android (android.graphics.Color)	4289364130 (0xFFAA80A2)
YUV	144.4340, 8.6600, 22.4214
Hunter-Lab	51.5684, 16.4304, -7.2368

Details

The Hex color **AA80A2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80AA88**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E2B5D9**, and **754E6E** is the 20% darker color. If you saturate the color by 10%, you get **AA6F9F**, and if you desaturate by 10%, it is **AA91A5**.

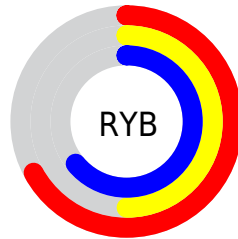
Distribution



Red (67%)

Green (50%)

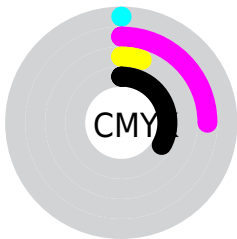
Blue (64%)



Red (67%)

Yellow (50%)

Blue (64%)

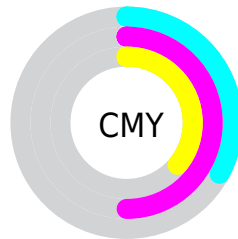


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA80A2 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 AA80A2 by changing the saturation by 10% instead.

■ AA80A2

■ AA80A2

FFFFFF

■ 8F6788

■ E2B5D9

■ 754E6E

■ FFD1F5

■ 5C3756

■ FFEDFF

■ 44213F

■ 2D0B29

■ 180014

■ 000000

■ AA80A2

■ AA80A2

■ AA6F9F

■ AA91A5

■ AA5E9C

■ AAA2A8

■ AA4D98

■ AAB3AC

■ AA3C95

■ AAC4AF

■ AA2B92

■ AAD5B2

■ AA1A8F

■ AAE6B5

■ AA098B

■ AAF7B9

■ AA008A

■ AAFFBC

■ AAFFBF

Harmonies

Analogous

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



9287B2



AA80A2



B77D8C

Triad

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



AA80A2



9B8C61



4898A3

Complementary

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



AA80A2



80AA88

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.



53998D



AA80A2



849367

Square

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



AA80A2



AE8567



6A9778



5595B3

Rectangle

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



AA80A2



B97D7E



6A9778



4A999C

Sweetspot

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



AA80A2



DECEDB



8880AA



70676E



F0F0F0



707070

Same Dimension

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



AA80A2



DE9BD1



AA808D



544C53



940078



140011

Inverse Universe

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



AA80A2



DE9BD1



80AA9D



544C53



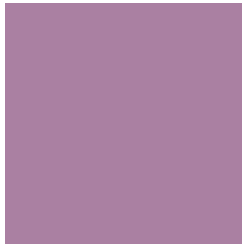
940078



140011

Previews

White Background



This preview shows how the Hex color AA80A2 looks on a white background.

Color Contrast Check

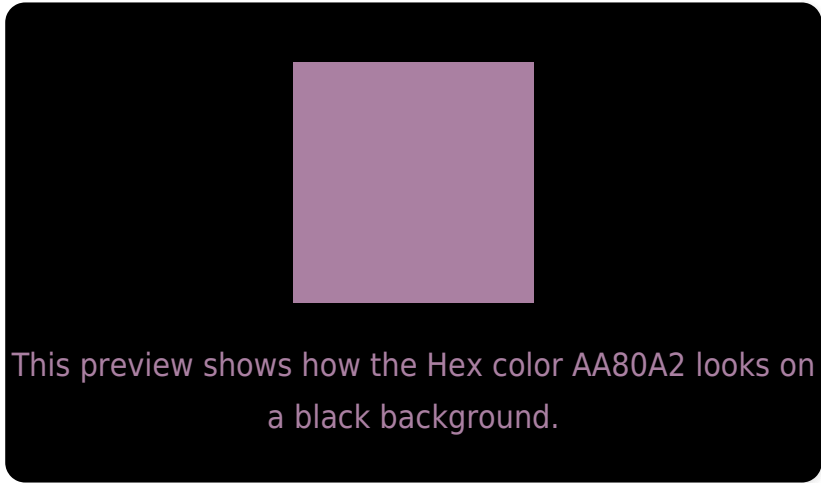
Large Text (above 18pt) WCAG AA ✓ Pass

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

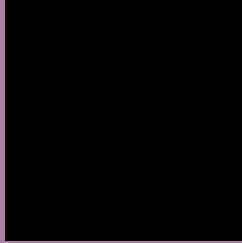
Any Text WCAG AA ✓ Pass

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 AA80A2 Background



This preview shows how black text looks on a background with the Hex color AA80A2.

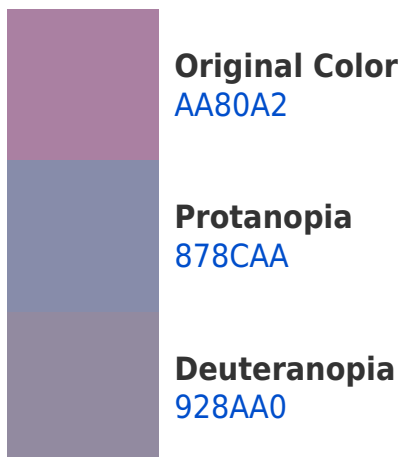


This preview shows how white text looks on a background with the Hex color AA80A2.

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





Tritanopia
A7848E

Trichromacy



Original Color
AA80A2

Protanomaly
9488A7

Deuteranomaly
9B86A1

Tritanomaly
A88395

Monochromacy



Original Color
AA80A2

Achromatopsia
909090

Achromatomaly
998A97

CSS Examples

Text

The CSS property to change the color of the text to Hex AA80A2 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 #AA80A2 looks like.

```
.text, #text, p{  
    color:#AA80A2  
}
```

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 #AA80A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA80A2
}
```

Border

The CSS property to change the border of an element to Hex AA80A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

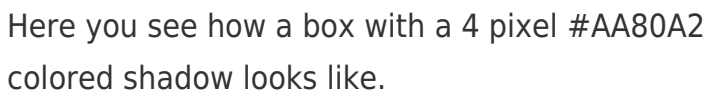
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA80A2 }
```

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

```
.border{ border-color:#AA80A2 }
```

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



Here you see how a box with a 4 pixel #AA80A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA80A2; -webkit-box-shadow:4px 4px  
4px 4px #AA80A2; box-shadow:4px 4px 4px  
4px #AA80A2 }
```

Background

The CSS property to change the background color of an element to Hex AA80A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA80A2 }
```

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

```
.background{ background-color:#AA80A2 }
```

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