

Converting Colors

Hex(A876AA)

Have a look what the booklet for
Hex(A876AA) contains.

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Color

Hex(A876AA)

Conversions

Conversions Part 1

Format	Color
Hex	A876AA
RGB	168, 118, 170
RGB Percent	66%, 46%, 67%
CMY	0.3412, 0.5373, 0.3333
CMYK	0.01, 0.31, 0.00, 0.33
HSL	298°, 23%, 56%
HSV	298°, 31%, 67%
XYZ	29.8826, 24.1840, 41.1232
YIQ	138.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

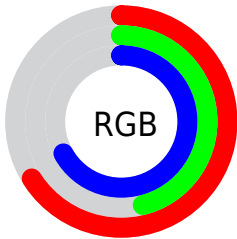
Format	Color
RYB	168, 118, 170
Decimal	11040426
CIELab	56.27, 28.47, -19.96
CIELCh	56, 34.773, 324.966
Yxy	24.1840, 0.3139, 0.2541
Android (android.graphics.Color)	4289230506 (0xFFA876AA)
YUV	138.8780, 15.3431, 25.5400
Hunter-Lab	49.1772, 22.4056, -15.1557

Details

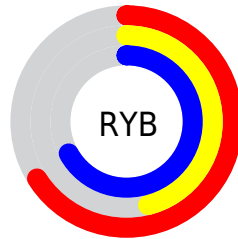
The Hex color **A876AA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78AA76**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E0ABE1**, and **734576** is the 20% darker color. If you saturate the color by 10%, you get **A765AA**, and if you desaturate by 10%, it is **A987AA**.

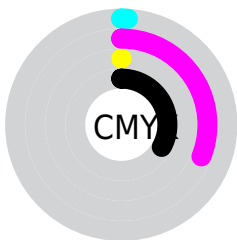
Distribution



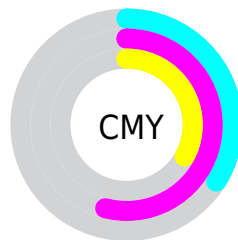
- Red (66%)
- Green (46%)
- Blue (67%)



- Red (66%)
- Yellow (46%)
- Blue (67%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A876AA 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 A876AA by changing the saturation by 10% instead.

 A876AA

 A876AA

FFFFFF

 8D5D8F

 E0ABE1

 734576

 FDC6FE

 5A2D5D

 FFE3FF

 411645

 2A002F

 10001A

 000000

 A876AA

 A876AA

 A765AA

 A987AA

 A754AA

 A998AA

 A643AA

 AAA9AA

 A532AA

 ABBAAA

 A521AA

 ABCBAA

 A410AA

 ACDCAA

 A300AA

 ADEDAA

 ADFEAA

 AEFFAA

Harmonies

Analogous

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



8381BE



A876AA



BD6F8D

Triad

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



A876AA



9F834A



00969F

Complementary

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



A876AA



78AA76

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.



309781



A876AA



818D4F

Square

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



A876AA



B67956



5D9363



0093B8

Rectangle

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



A876AA



C16F79



5D9363



009795

Sweetspot

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



A876AA



DDCADE



7679AA



706470



F0F0F0



707070

Same Dimension

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



A876AA



DB8CDE



AA7693



544C54



8E0094



140014

Inverse Universe

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



AA7678



DE8C8F



76AA8D



544C4C



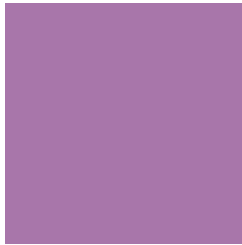
940006



140001

Previews

White Background



This preview shows how the Hex color A876AA looks on a white background.

Color Contrast Check

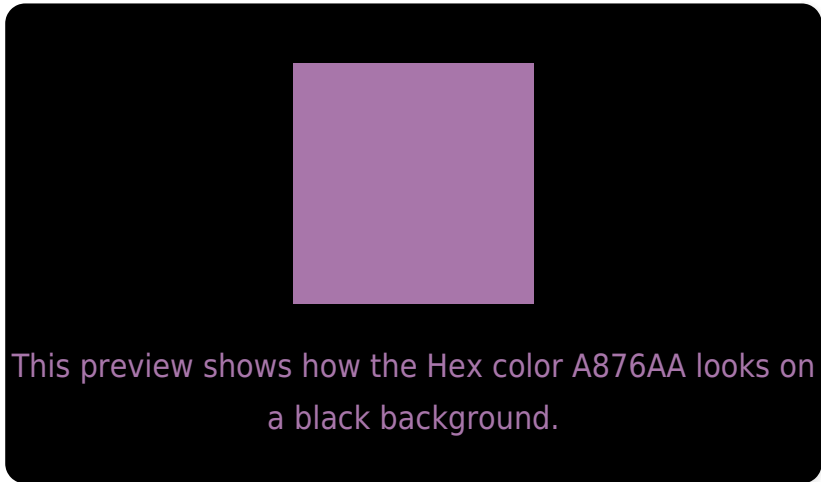
Large Text (above 18pt) WCAG AA ✓ Pass

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

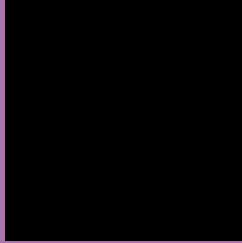
Any Text WCAG AA ✓ Pass

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 A876AA Background



This preview shows how black text looks on a background with the Hex color A876AA.

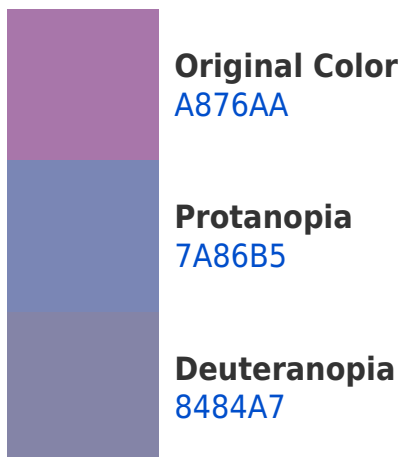



This preview shows how white text looks on a background with the Hex color A876AA.

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
A37D87

Trichromacy



Original Color
A876AA

Protanomaly
8B80B1

Deuteranomaly
917FA8

Tritanomaly
A57A94

Monochromacy



Original Color
A876AA

Achromatopsia
8B8B8B

Achromatomaly
968396

CSS Examples

Text

The CSS property to change the color of the text to Hex A876AA 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 #A876AA looks like.

```
.text, #text, p{  
    color:#A876AA  
}
```

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 #A876AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A876AA
}
```

Border

The CSS property to change the border of an element to Hex A876AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

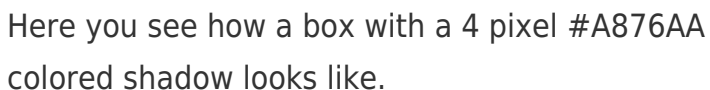
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A876AA }
```

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

```
.border{ border-color:#A876AA }
```

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



Here you see how a box with a 4 pixel #A876AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A876AA; -webkit-box-shadow:4px 4px  
4px 4px #A876AA; box-shadow:4px 4px 4px  
4px #A876AA }
```

Background

The CSS property to change the background color of an element to Hex A876AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A876AA }
```

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

```
.background{ background-color:#A876AA }
```

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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