

Converting Colors

Hex(A876A8)

Have a look what the booklet for
Hex(A876A8) contains.

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Color

Hex(A876A8)

Conversions

Conversions Part 1

Format	Color
Hex	A876A8
RGB	168, 118, 168
RGB Percent	66%, 46%, 66%
CMY	0.3412, 0.5373, 0.3412
CMYK	0.00, 0.30, 0.00, 0.34
HSL	300°, 22%, 56%
HSV	300°, 30%, 66%
XYZ	29.6948, 24.1089, 40.1342
YIQ	138.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

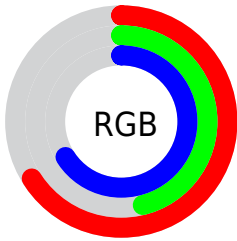
Format	Color
RYB	168, 118, 168
Decimal	11040424
CIELab	56.20, 28.08, -18.92
CIELCh	56, 33.862, 326.026
Yxy	24.1089, 0.3161, 0.2566
Android (android.graphics.Color)	4289230504 (0xFFA876A8)
YUV	138.6500, 14.4696, 25.7400
Hunter-Lab	49.1008, 22.0255, -14.0922

Details

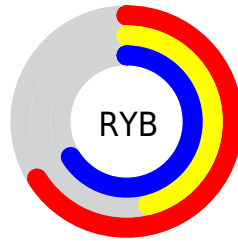
The Hex color **A876A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76A876**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E0ABDF**, and **734574** is the 20% darker color. If you saturate the color by 10%, you get **A865A8**, and if you desaturate by 10%, it is **A887A8**.

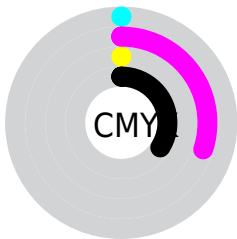
Distribution



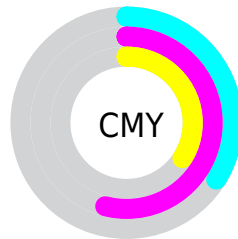
- Red (66%)
- Green (46%)
- Blue (66%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color A876A8 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 A876A8 by changing the saturation by 10% instead.

 A876A8

 A876A8

FFFFFF

 8D5D8D

 E0ABDF

 734574

 FDC6FC

 5A2D5B

 FFE3FF

 411643

 2A002D

 0F0018

 000000

 A876A8

 A876A8

 A865A8

 A887A8

 A854A8

 A898A8

 A844A8

 A8A8A8

 A833A8

 A8B9A8

 A822A8

 A8CAA8

 A811A8

 A8DBA8

 A800A8

 A8ECA8

 A8FCA8

 A8FFA8

Harmonies

Analogous

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



8481BC



A876A8



BC708C

Triad

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



A876A8



9D844B



0096A0

Complementary

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



A876A8



76A876

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.



329682



A876A8



808D51

Square

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



A876A8



B47957



5D9365



0C92B7

Rectangle

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



A876A8



C07078



5D9365



009696

Sweetspot

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



A876A8



DBC8DB



7676A8



6E626E



EDEDED



6E6E6E

Same Dimension

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



A876A8



DB8CDB



A8768F



544C54



940094



140014

Inverse Universe

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



A876A8



DB8CDB



76A88F



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color A876A8 looks on a white background.

Color Contrast Check

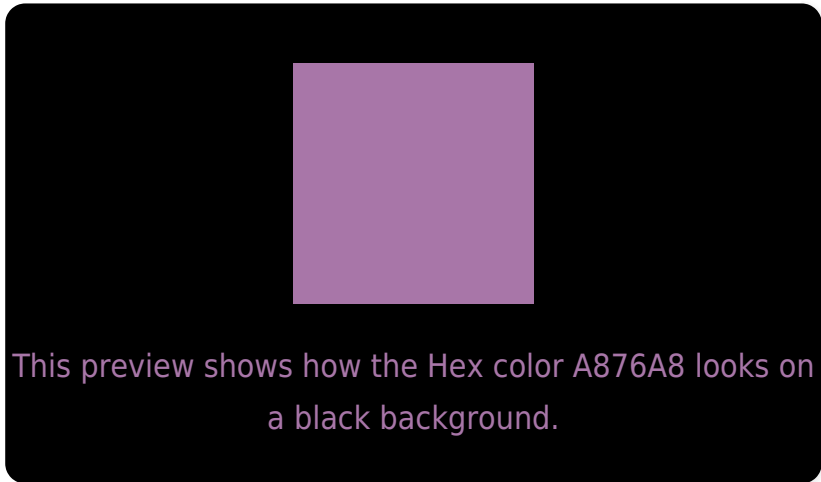
Large Text (above 18pt) WCAG AA ✓ Pass

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

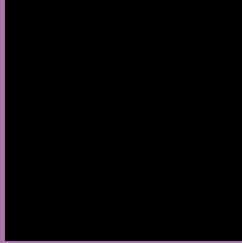
Any Text WCAG AA ✓ Pass

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 A876A8 Background



This preview shows how black text looks on a background with the Hex color A876A8.

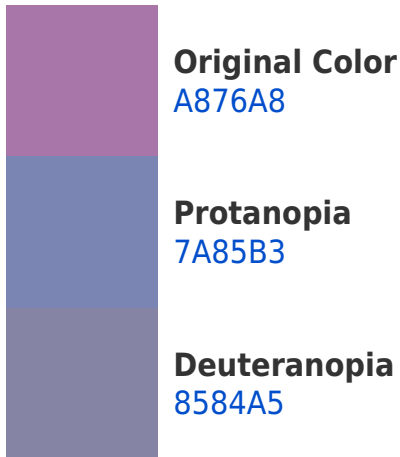



This preview shows how white text looks on a background with the Hex color A876A8.

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
A37D86

Trichromacy



Original Color
A876A8

Protanomaly
8B80AF

Deuteranomaly
927FA6

Tritanomaly
A57A92

Monochromacy



Original Color
A876A8

Achromatopsia
8B8B8B

Achromatomaly
968396

CSS Examples

Text

The CSS property to change the color of the text to Hex A876A8 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 #A876A8 looks like.

```
.text, #text, p{  
    color:#A876A8  
}
```

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 #A876A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A876A8
}
```

Border

The CSS property to change the border of an element to Hex A876A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

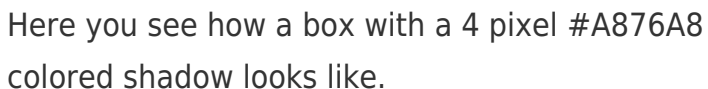
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A876A8 }
```

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

```
.border{ border-color:#A876A8 }
```

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



Here you see how a box with a 4 pixel #A876A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A876A8; -webkit-box-shadow:4px 4px  
4px 4px #A876A8; box-shadow:4px 4px 4px  
4px #A876A8 }
```

Background

The CSS property to change the background color of an element to Hex A876A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A876A8 }
```

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

```
.background{ background-color:#A876A8 }
```

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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