

Converting Colors

Hex(A876A2)

Have a look what the booklet for
Hex(A876A2) contains.

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Color

Hex(A876A2)

Conversions

Conversions Part 1

Format	Color
Hex	A876A2
RGB	168, 118, 162
RGB Percent	66%, 46%, 64%
CMY	0.3412, 0.5373, 0.3647
CMYK	0.00, 0.30, 0.04, 0.34
HSL	307°, 22%, 56%
HSV	307°, 30%, 66%
XYZ	29.1485, 23.8903, 37.2574
YIQ	137.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

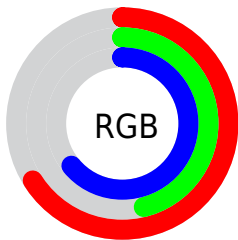
Format	Color
R_{YB}	168, 118, 162
Decimal	11040418
CIE _{Lab}	55.98, 26.93, -15.79
CIE _{LCh}	56, 31.218, 329.619
Yxy	23.8903, 0.3228, 0.2646
Android (android.graphics.Color)	4289230498 (0xFFA876A2)
YUV	137.9660, 11.8488, 26.3398
Hunter-Lab	48.8777, 20.9133, -10.9798

Details

The Hex color **A876A2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76A87C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E0ABD9**, and **73456E** is the 20% darker color. If you saturate the color by 10%, you get **A865A0**, and if you desaturate by 10%, it is **A887A4**.

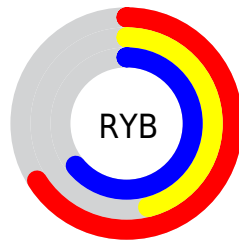
Distribution



Red (66%)

Green (46%)

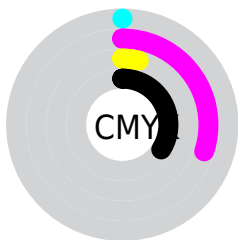
Blue (64%)



Red (66%)

Yellow (46%)

Blue (64%)

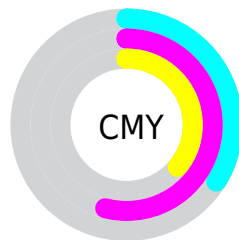


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color A876A2 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 A876A2 by changing the saturation by 10% instead.

 A876A2

 A876A2

FFFFFF

 8D5D88

 E0ABD9

 73456E

 FDC6F5

 5A2D56

 FFE2FF

 42173F

 2B0028

 0E0013

 000000

 A876A2

 A876A2

 A865A0

 A887A4

 A8549E

 A898A6

 A8449C

 A8A8A8

 A8339A

 A8B9AA

 A82298

 A8CAAC

 A81196

 A8DBAE

 A80094

 A8ECB0

 A8FCB2

 A8FFB4

Harmonies

Analogous

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



897FB5



A876A2



B97188

Triad

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



A876A2



988450



1594A0

Complementary

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



A876A2



76A87C

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.



389585



A876A2



7C8D56

Square

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



A876A2



AE7B58



5C926A



2F90B4

Rectangle

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



A876A2



BB7275



5C926A



1E9597

Sweetspot

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



A876A2



DBC8D9



7C76A8



6E626C



EDEDED



6E6E6E

Same Dimension

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



A876A2



DB8CD2



A87689



544C53



940082



140012

Inverse Universe

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



A876A2



DB8CD2



76A895



544C53



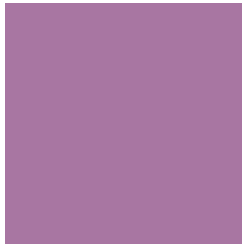
940082



140012

Previews

White Background



This preview shows how the Hex color A876A2 looks on a white background.

Color Contrast Check

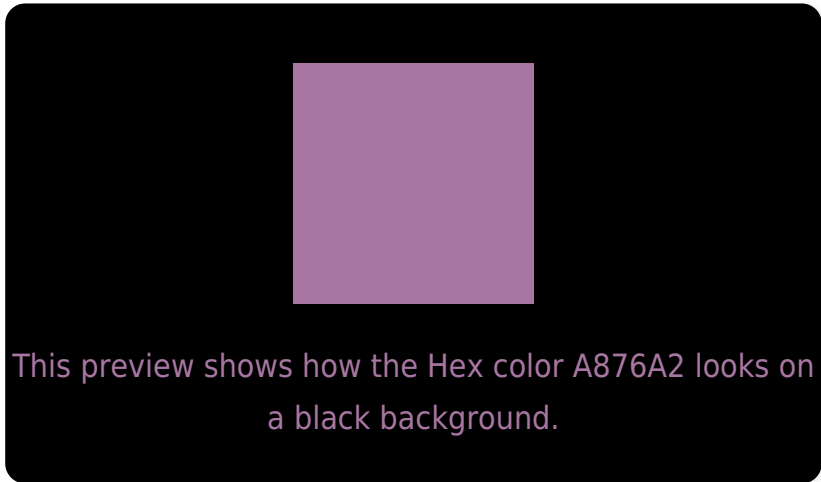
Large Text (above 18pt) WCAG AA ✓ Pass

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

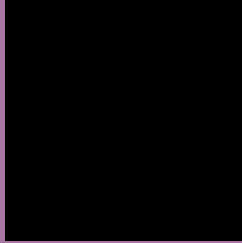
Any Text WCAG AA ✓ Pass

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 A876A2 Background



This preview shows how black text looks on a background with the Hex color A876A2.

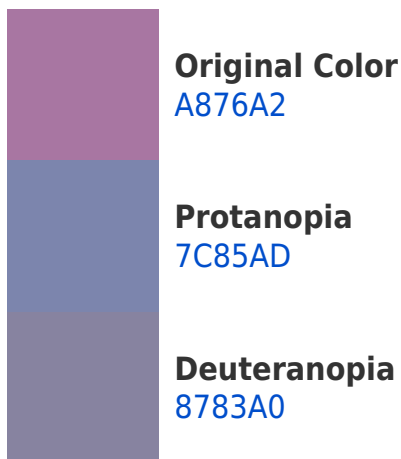


This preview shows how white text looks on a background with the Hex color A876A2.

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
A47B85

Trichromacy



Original Color
A876A2

Protanomaly
8C80A9

Deuteranomaly
937EA1

Tritanomaly
A57990

Monochromacy



Original Color
A876A2

Achromatopsia
8A8A8A

Achromatomaly
958393

CSS Examples

Text

The CSS property to change the color of the text to Hex A876A2 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 #A876A2 looks like.

```
.text, #text, p{  
    color:#A876A2  
}
```

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 #A876A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A876A2
}
```

Border

The CSS property to change the border of an element to Hex A876A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

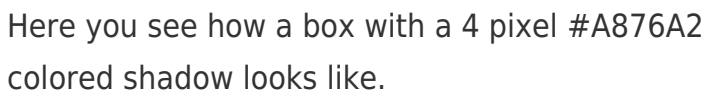
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A876A2 }
```

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

```
.border{ border-color:#A876A2 }
```

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



Here you see how a box with a 4 pixel #A876A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A876A2; -webkit-box-shadow:4px 4px  
4px 4px #A876A2; box-shadow:4px 4px 4px  
4px #A876A2 }
```

Background

The CSS property to change the background color of an element to Hex A876A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A876A2 }
```

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

```
.background{ background-color:#A876A2 }
```

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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