

# Converting Colors

Hex(A480A2)

Have a look what the booklet for  
Hex(A480A2) contains.

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# **Color**

**Hex(A480A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A480A2
RGB	164, 128, 162
RGB Percent	64%, 50%, 64%
CMY	0.3569, 0.4980, 0.3647
CMYK	0.00, 0.22, 0.01, 0.36
HSL	303°, 17%, 57%
HSV	303°, 22%, 64%
XYZ	29.5506, 25.9395, 37.6318
YIQ	142.6400, 10.5420, 18.2060

# Conversions

## Conversions Part 2

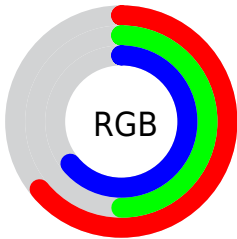
Format	Color
<a href="#">RYB</a>	<a href="#">164, 128, 162</a>
Decimal	<a href="#">10780834</a>
CIELab	<a href="#">57.98, 19.85, -12.80</a>
CIELCh	<a href="#">58, 23.618, 327.172</a>
Yxy	<a href="#">25.9395, 0.3173, 0.2786</a>
Android (android.graphics.Color)	<a href="#">4288970914 (0xFFA480A2)</a>
YUV	<a href="#">142.6400, 9.5445, 18.7327</a>
Hunter-Lab	<a href="#">50.9308, 14.4386, -8.1566</a>

# Details

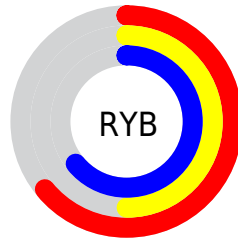
The Hex color **A480A2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80A482**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DBB5D9**, and **704E6E** is the 20% darker color. If you saturate the color by 10%, you get **A470A1**, and if you desaturate by 10%, it is **A490A3**.

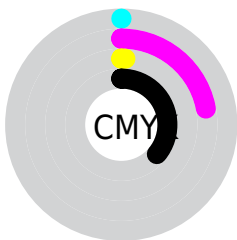
# Distribution



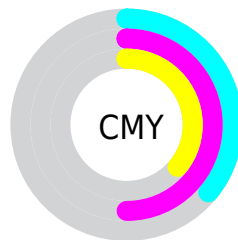
- Red (64%)
- Green (50%)
- Blue (64%)



- Red (64%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A480A2 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 A480A2 by changing the saturation by 10% instead.



 A480A2

 A480A2

FFFFFF

 896788

 DBB5D9

 704E6E


 F8D1F5

 573756

 FFEDFF

 3F213F

 290C29

 110014

 000000

 A480A2

 A480A2

 A470A1

 A490A3

 A45FA0

 A4A1A4

 A44F9F

 A4B1A5

 A43E9E

 A4C2A6

 A42E9D

 A4D2A7

 A41E9D

 A4E2A7

 A40D9C

 A4F3A8

 A4009B

 A4FFA9

 A4FFAA

# Harmonies

## Analogous

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



8C87B0



A480A2



B27C8E

# Triad

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



A480A2



9C8962



4C969D

# Complementary

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



A480A2



80A482

# 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.



589789



A480A2



869066

# Square

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



A480A2



AD8269



6F9474



5593AD

# Rectangle

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



A480A2



B57C80



6F9474



4E9797



# Sweetspot

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



A480A2



D6C7D5



8280A4



6B636B



EBEBEB



6B6B6B



# Same Dimension

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



A480A2



D69FD3



A48090



524951



910089



120011



# Inverse Universe

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



A480A2



D69FD3



80A494



524951



910089

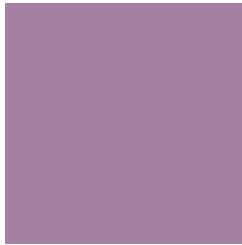


120011



# Previews

## White Background



This preview shows how the Hex color A480A2 looks on a white background.

## Color Contrast Check

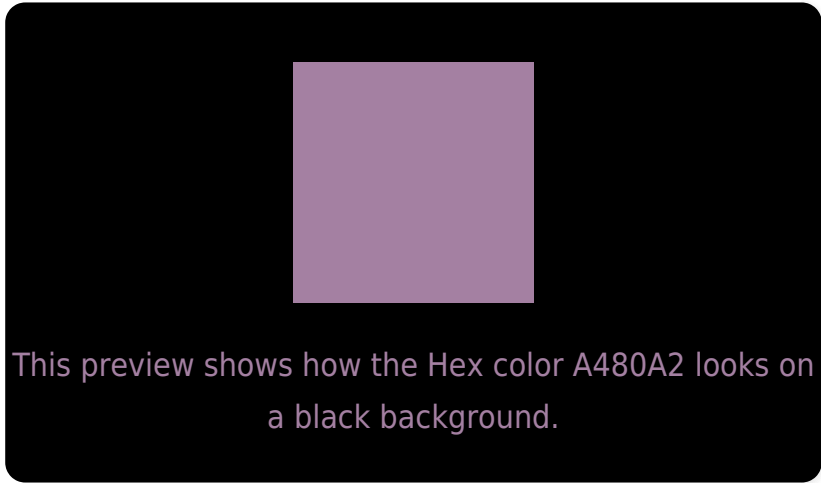
Large Text (above 18pt) WCAG AA ✓ Pass

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

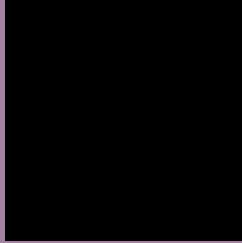
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A480A2 Background



This preview shows how black text looks on a background with the Hex color A480A2.

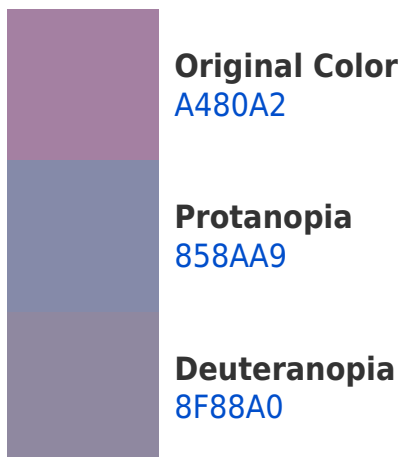


This preview shows how white text looks on a background with the Hex color A480A2.

# 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**  
A1848E

# Trichromacy



**Original Color**  
A480A2

**Protanomaly**  
9086A6

**Deuteranomaly**  
9785A1

**Tritanomaly**  
A28395

# Monochromacy



**Original Color**  
A480A2

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
978A96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A480A2 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 #A480A2 looks like.

```
.text, #text, p{  
    color:#A480A2  
}
```

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 #A480A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A480A2
}
```

## Border

The CSS property to change the border of an element to Hex A480A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

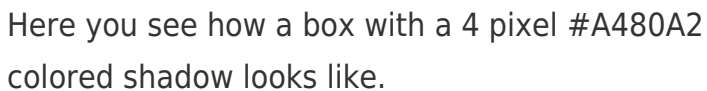
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A480A2 }
```

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

```
.border{ border-color:#A480A2 }
```

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



Here you see how a box with a 4 pixel #A480A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A480A2; -webkit-box-shadow:4px 4px  
4px 4px #A480A2; box-shadow:4px 4px 4px  
4px #A480A2 }
```

# Background

The CSS property to change the background color of an element to Hex A480A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A480A2 }
```

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

```
.background{ background-color:#A480A2 }
```

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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