

# Converting Colors

Hex(A477A9)

Have a look what the booklet for  
Hex(A477A9) contains.

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# **Color**

**Hex(A477A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A477A9
RGB	164, 119, 169
RGB Percent	64%, 47%, 66%
CMY	0.3569, 0.5333, 0.3373
CMYK	0.03, 0.30, 0.00, 0.34
HSL	294°, 23%, 56%
HSV	294°, 30%, 66%
XYZ	29.0681, 23.9507, 40.6270
YIQ	138.1550, 10.7700, 25.0900

# Conversions

## Conversions Part 2

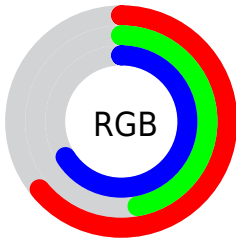
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 119, 169
Decimal	10778537
CIELab	56.04, 26.36, -19.78
CIELCh	56, 32.956, 323.116
Yxy	23.9507, 0.3104, 0.2558
Android (android.graphics.Color)	4288968617 (0xFFA477A9)
YUV	138.1550, 15.2066, 22.6661
Hunter-Lab	48.9395, 20.3778, -14.9618

# Details

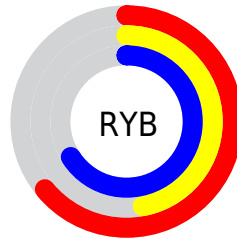
The Hex color **A477A9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7CA977**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DCACE0**, and **6F4675** is the 20% darker color. If you saturate the color by 10%, you get **A266A9**, and if you desaturate by 10%, it is **A688A9**.

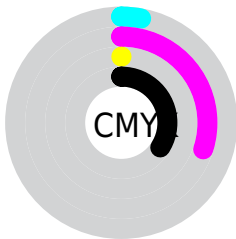
# Distribution



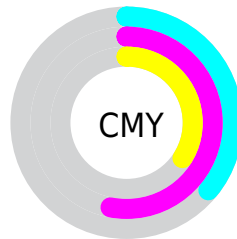
- Red (64%)
- Green (47%)
- Blue (66%)



- Red (64%)
- Yellow (47%)
- Blue (66%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (53%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A477A9 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 A477A9 by changing the saturation by 10% instead.





A477A9



A477A9

FFFFFF



895E8E



DCACE0



6F4675



F8C7FD



562E5C



FFE3FF



3E1844



27022E



090019



000000



A477A9



A477A9



A266A9



A688A9

 A155A9

 A799A9

 9F44A9

 A9AAA9

 9D33A9

 ABBBA9

 9C23A9

 ACCBA9

 9A12A9

 AEDCA9

 9801A9

 B0EDA9

 9800A9

 B2FEA9

 B3FFA9

# Harmonies

## Analogous

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



8081BB



A477A9



B9708E

# Triad

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



A477A9



9F824D



00959C

# Complementary

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



A477A9



7CA977

# 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.



3A957E



A477A9



828B51

# Square

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



A477A9



B4785A



619263



1192B3

# Rectangle

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



A477A9



BE707B



619263



179692



# Sweetspot

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



A477A9



D9C8DB



777CA9



6C626E



EDEDED



6E6E6E



# Same Dimension

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



A477A9



D38CDB



A97795



534C54



850094



120014



# Inverse Universe

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



A9777C



DB8C94



77A98B



544C4D



94000F

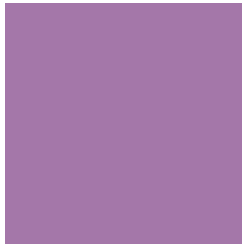


140002



# Previews

## White Background



This preview shows how the Hex color A477A9 looks on a white background.

## Color Contrast Check

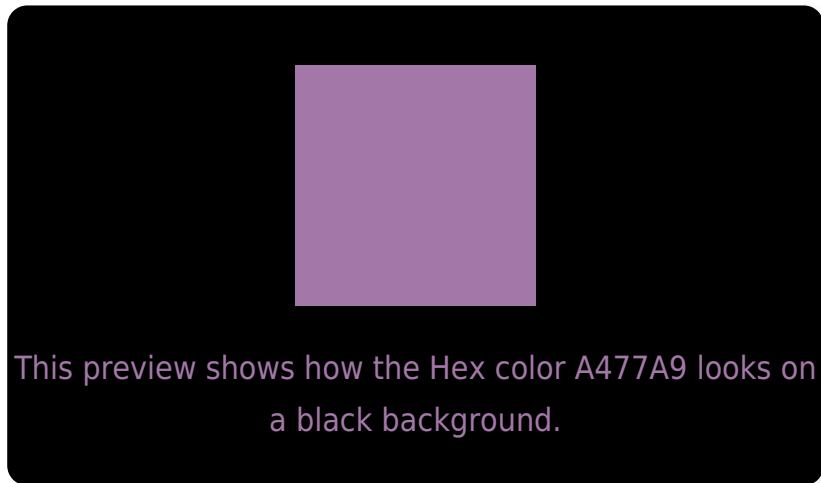
Large Text (above 18pt) WCAG AA ✓ Pass

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

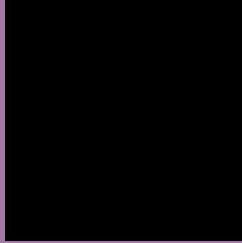
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A477A9 Background



This preview shows how black text looks on a background with the Hex color A477A9.

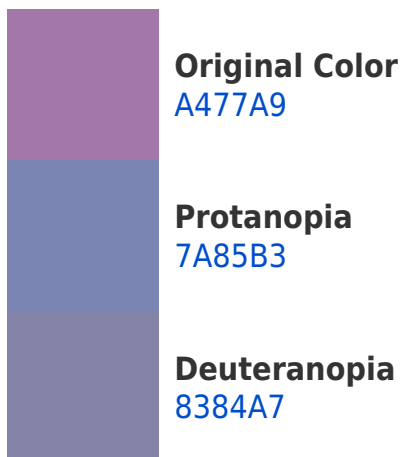


This preview shows how white text looks on a background with the Hex color A477A9.

# 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**  
9F7E87

# Trichromacy



**Original Color**  
A477A9

**Protanomaly**  
8980AF

**Deuteranomaly**  
8F7FA8

**Tritanomaly**  
A17B93

# Monochromacy



**Original Color**  
A477A9

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
938395

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A477A9 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 #A477A9 looks like.

```
.text, #text, p{  
    color:#A477A9  
}
```

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 #A477A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A477A9
}
```

## Border

The CSS property to change the border of an element to Hex A477A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

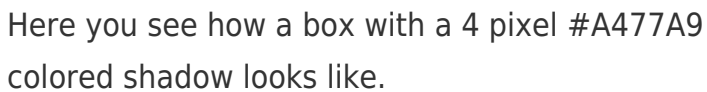
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A477A9 }
```

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

```
.border{ border-color:#A477A9 }
```

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



Here you see how a box with a 4 pixel #A477A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A477A9; -webkit-box-shadow:4px 4px  
4px 4px #A477A9; box-shadow:4px 4px 4px  
4px #A477A9 }
```

# Background

The CSS property to change the background color of an element to Hex A477A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A477A9 }
```

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

```
.background{ background-color:#A477A9 }
```

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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