

# Converting Colors

Hex(A47AAB)

Have a look what the booklet for  
Hex(A47AAB) contains.

<b>Hex(A47AAB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A47AAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A47AAB
RGB	164, 122, 171
RGB Percent	64%, 48%, 67%
CMY	0.3569, 0.5216, 0.3294
CMYK	0.04, 0.29, 0.00, 0.33
HSL	291°, 23%, 57%
HSV	291°, 29%, 67%
XYZ	29.6201, 24.7519, 41.7445
YIQ	140.1440, 9.3030, 24.1430

# Conversions

## Conversions Part 2

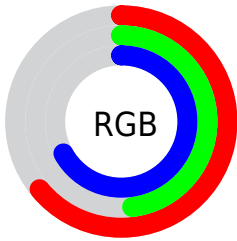
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 122, 171
Decimal	10779307
CIELab	56.83, 25.05, -19.72
CIELCh	57, 31.883, 321.796
Yxy	24.7519, 0.3082, 0.2575
Android (android.graphics.Color)	4288969387 (0xFFA47AAB)
YUV	140.1440, 15.2120, 20.9217
Hunter-Lab	49.7512, 19.2077, -14.9223

# Details

The Hex color **A47AAB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **81AB7A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DBAFE2**, and **6F4977** is the 20% darker color. If you saturate the color by 10%, you get **A269AB**, and if you desaturate by 10%, it is **A68BAB**.

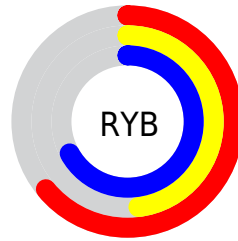
# Distribution



Red (64%)

Green (48%)

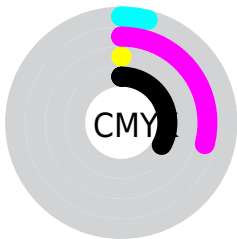
Blue (67%)



Red (64%)

Yellow (48%)

Blue (67%)

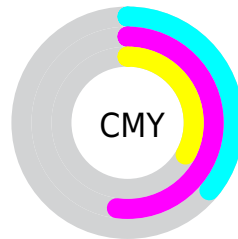


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (52%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47AAB 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 A47AAB by changing the saturation by 10% instead.



 A47AAB

 A47AAB

FFFFFF

 896190

 DBAFE2

 6F4977

 F8CAFF

 56315E

 FFE7FF

 3E1B46

 28052F

 0D001B

 000000

 A47AAB

 A47AAB

 A269AB

 A68BAB

9F58AB

A99CAB

9D47AB

ABADAB

9A36AB

AEBEAB

9825AB

B0CFAB

9513AB

B3E1AB

9302AB

B5F2AB

9300AB

B8FFAB

BAFFAB

# Harmonies

## Analogous

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



8184BC



A47AAB



B97391

# Triad

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



A47AAB



A28451



19979C

# Complementary

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



A47AAB



81AB7A

# 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.



429780



A47AAB



868D54

# Square

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



A47AAB



B67B5E



669365



2194B3

# Rectangle

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



A47AAB



BF737E



669365



279793



# Sweetspot

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



A47AAB



DBCADE



7A81AB



6E6470



F0F0F0



707070



# Same Dimension

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



A47AAB



D392DE



AB7A9A



554E57



810096



140017



# Inverse Universe

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



AB7A81



DE929D



7AAB8B



574E4F



960015

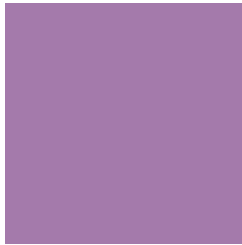


170003



# Previews

## White Background



This preview shows how the Hex color A47AAB looks on a white background.

## Color Contrast Check

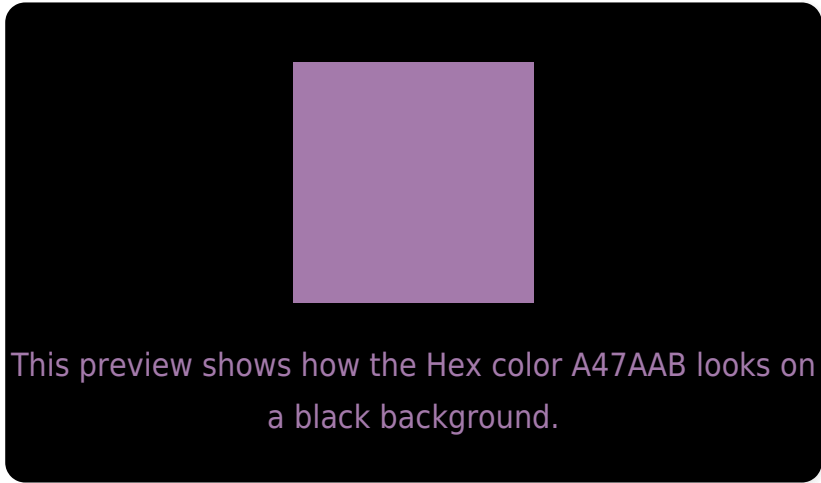
Large Text (above 18pt) WCAG AA ✓ Pass

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

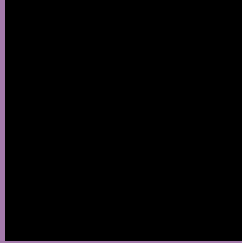
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A47AAB Background



This preview shows how black text looks on a background with the Hex color A47AAB.

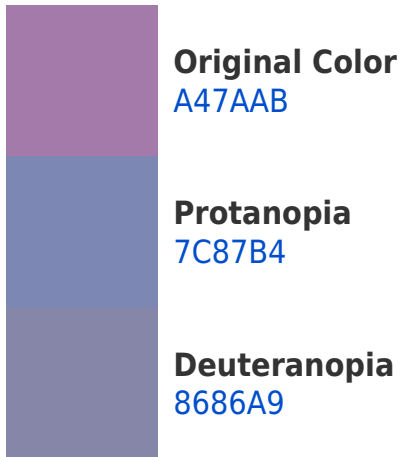


This preview shows how white text looks on a background with the Hex color A47AAB.

# 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](#).

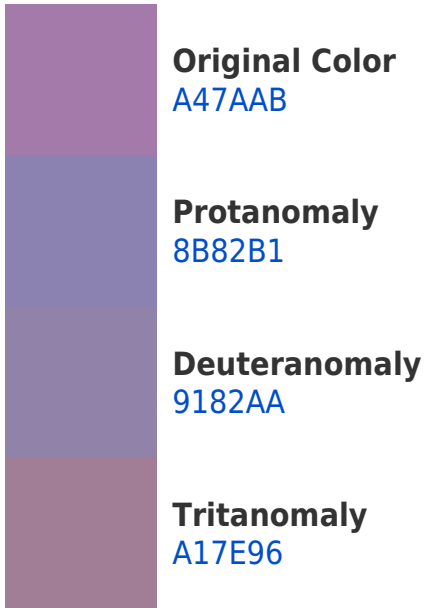
## Dichromacy



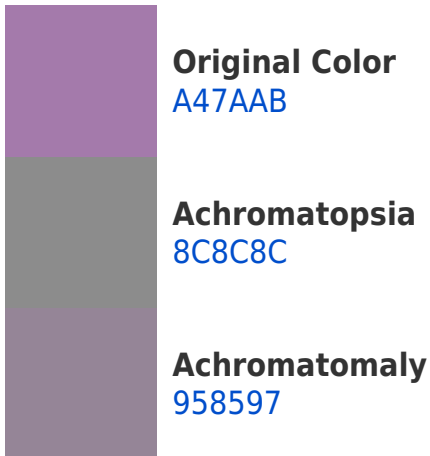


**Tritanopia**  
9F808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47AAB 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 #A47AAB looks like.

```
.text, #text, p{  
    color:#A47AAB  
}
```

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 #A47AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47AAB
}
```

## Border

The CSS property to change the border of an element to Hex A47AAB 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
#A47AAB }
```

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

```
.border{ border-color:#A47AAB }
```

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

Here you see how a box with a 4 pixel #A47AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47AAB; -webkit-box-shadow:4px 4px  
4px 4px #A47AAB; box-shadow:4px 4px 4px  
4px #A47AAB }
```

# Background

The CSS property to change the background color of an element to Hex A47AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47AAB }
```

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

```
.background{ background-color:#A47AAB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor