

# Converting Colors

Hex(A47BA1)

Have a look what the booklet for  
Hex(A47BA1) contains.

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# **Color**

**Hex(A47BA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A47BA1
RGB	164, 123, 161
RGB Percent	64%, 48%, 63%
CMY	0.3569, 0.5176, 0.3686
CMYK	0.00, 0.25, 0.02, 0.36
HSL	304°, 18%, 56%
HSV	304°, 25%, 64%
XYZ	28.8258, 24.6316, 36.9533
YIQ	139.5910, 12.2380, 20.5100

# Conversions

## Conversions Part 2

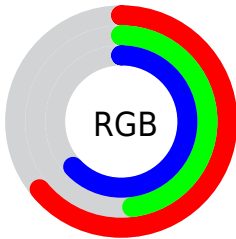
Format	Color
<a href="#">RYB</a>	<a href="#">164, 123, 161</a>
Decimal	<a href="#">10779553</a>
CIELab	<a href="#">56.71, 22.51, -14.14</a>
CIElCh	<a href="#">57, 26.577, 327.867</a>
Yxy	<a href="#">24.6316, 0.3188, 0.2724</a>
Android (android.graphics.Color)	<a href="#">4288969633</a> ( <a href="#">0xFFA47BA1</a> )
YUV	<a href="#">139.5910, 10.5546, 21.4067</a>
Hunter-Lab	<a href="#">49.6303, 16.8218, -9.4045</a>

# Details

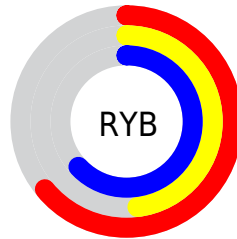
The Hex color **A47BA1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BA47E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **DBB0D8**, and **704A6D** is the 20% darker color. If you saturate the color by 10%, you get **A46BA0**, and if you desaturate by 10%, it is **A48BA2**.

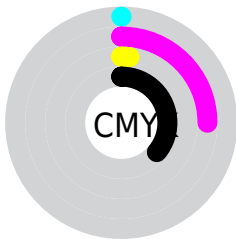
# Distribution



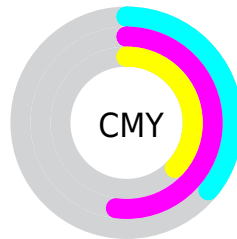
- Red (64%)
- Green (48%)
- Blue (63%)



- Red (64%)
- Yellow (48%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47BA1 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 A47BA1 by changing the saturation by 10% instead.





A47BA1



A47BA1

FFFFFF



896287



DBB0D8



704A6D



F8CBF4



573255



FFE8FF



3F1C3E



280628



0C0013



000000



A47BA1



A47BA1



A46BA0



A48BA2

 A45A9F

 A49CA3

 A44A9D

 A4ACA5

 A4399C

 A4BDA6

 A4299B

 A4CDA7

 A4199A

 A4DDA8

 A40899

 A4EEA9

 A40098

 A4FEAB

 A4FFAC

# Harmonies

## Analogous

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



8983B1



A47BA1



B3778B

# Triad

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



A47BA1



9A865A



3B949D

# Complementary

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



A47BA1



7BA47E

# 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.



4C9586



A47BA1



828D5F

# Square

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



A47BA1



AC7E62



67926F



4791AF

# Rectangle

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



A47BA1



B6777B



67926F



3F9595



# Sweetspot

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



A47BA1



D6C5D5



7E7BA4



6B606A



EBEBEB



6B6B6B



# Same Dimension

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



A47BA1



D696D1



A47B8D



524951



910087



120011



# Inverse Universe

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



A47BA1



D696D1



7BA492



524951



910087

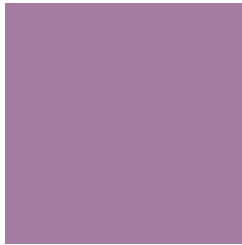


120011



# Previews

## White Background



This preview shows how the Hex color A47BA1 looks on a white background.

## Color Contrast Check

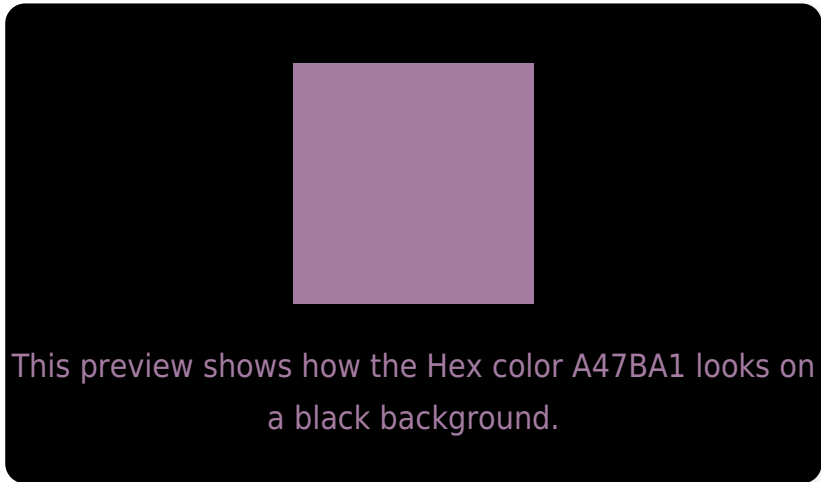
Large Text (above 18pt) WCAG AA ✓ Pass

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

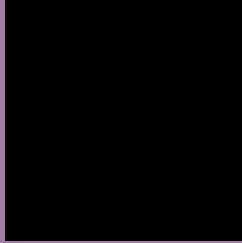
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A47BA1 Background



This preview shows how black text looks on a background with the Hex color A47BA1.

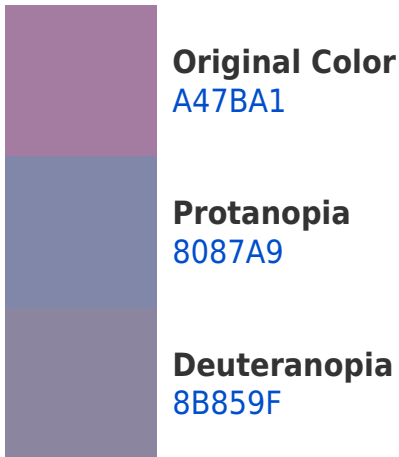


This preview shows how white text looks on a background with the Hex color A47BA1.

# 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](#).

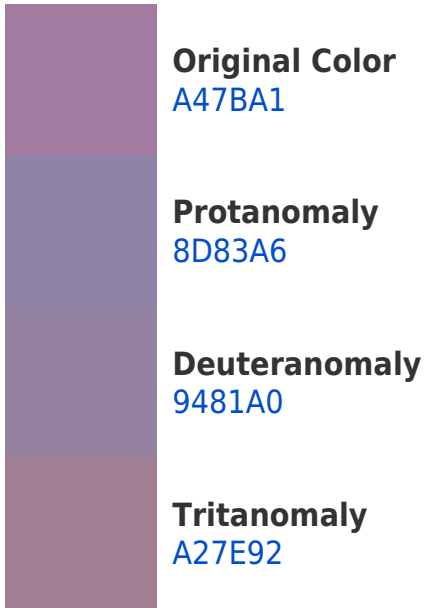
## Dichromacy





**Tritanopia**  
A17F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47BA1 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 #A47BA1 looks like.

```
.text, #text, p{  
    color:#A47BA1  
}
```

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 #A47BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47BA1
}
```

## Border

The CSS property to change the border of an element to Hex A47BA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

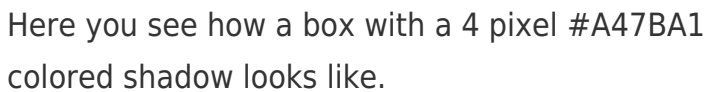
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A47BA1 }
```

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

```
.border{ border-color:#A47BA1 }
```

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



Here you see how a box with a 4 pixel #A47BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47BA1; -webkit-box-shadow:4px 4px  
4px 4px #A47BA1; box-shadow:4px 4px 4px  
4px #A47BA1 }
```

# Background

The CSS property to change the background color of an element to Hex A47BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47BA1 }
```

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

```
.background{ background-color:#A47BA1 }
```

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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