

# Converting Colors

Hex(A47CB6)

Have a look what the booklet for  
Hex(A47CB6) contains.

<b>Hex(A47CB6)</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(A47CB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A47CB6
RGB	164, 124, 182
RGB Percent	64%, 49%, 71%
CMY	0.3569, 0.5137, 0.2863
CMYK	0.10, 0.32, 0.00, 0.29
HSL	281°, 28%, 60%
HSV	281°, 32%, 71%
XYZ	30.9610, 25.6852, 47.5819
YIQ	142.5720, 5.2220, 26.5180

# Conversions

## Conversions Part 2

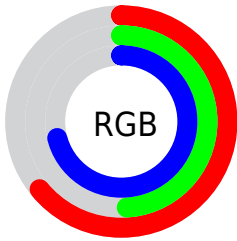
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 124, 182
Decimal	10779830
CIELab	57.74, 26.20, -24.64
CIELCh	58, 35.963, 316.756
Yxy	25.6852, 0.2971, 0.2464
Android (android.graphics.Color)	4288969910 (0xFFA47CB6)
YUV	142.5720, 19.4380, 18.7924
Hunter-Lab	50.6806, 20.3554, -20.1885

# Details

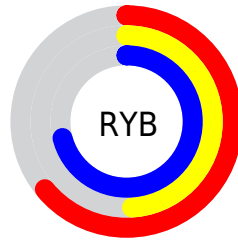
The Hex color **A47CB6** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8EB67C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **DCB1EE**, and **6F4A81** is the 20% darker color. If you saturate the color by 10%, you get **9E6AB6**, and if you desaturate by 10%, it is **AA8EB6**.

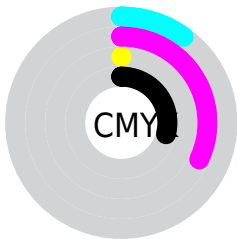
# Distribution



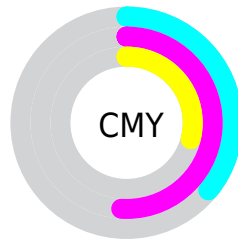
- Red (64%)
- Green (49%)
- Blue (71%)



- Red (64%)
- Yellow (49%)
- Blue (71%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47CB6 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 A47CB6 by changing the saturation by 10% instead.



 A47CB6

 A47CB6

FFFFFF

 89639B

 DCB1EE

 6F4A81

 F8CDFF

 563368

 FFE9FF

 3E1D4F

 270738

 100023

 000009

 000000

 A47CB6

 A47CB6

 9E6AB6

 AA8EB6

 9958B6

 AFA0B6

 9345B6

 B5B3B6

 8D33B6

 BBC5B6

 8821B6

 C0D7B6

 820FB6

 C6E9B6

 7E00B6

 CCFBB6

 D1FFB6

 D7FFB6

# Harmonies

## Analogous

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



7988C7



A47CB6



BF739A

# Triad

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



A47CB6



AB844D



009B9C

# Complementary

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



A47CB6



8EB67C

# 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.



3E9A7B



A47CB6



8D8E4D

# Square

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



A47CB6



C0795E



6A965E



0099B8

# Rectangle

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



A47CB6



C77285



6A965E



0F9B91



# Sweetspot

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



A47CB6



E6D5ED



7C8EB6



736978



F7F7F7



787878



# Same Dimension

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



A47CB6



D193ED



B67CAB



59535C



6B009C



13001C



# Inverse Universe

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



B67C8E



ED93AF



7CB687



5C5355



9C0030

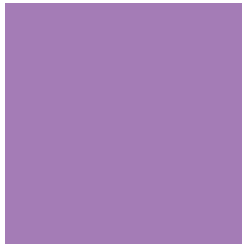


1C0009



# Previews

## White Background



This preview shows how the Hex color A47CB6 looks on a white background.

## Color Contrast Check

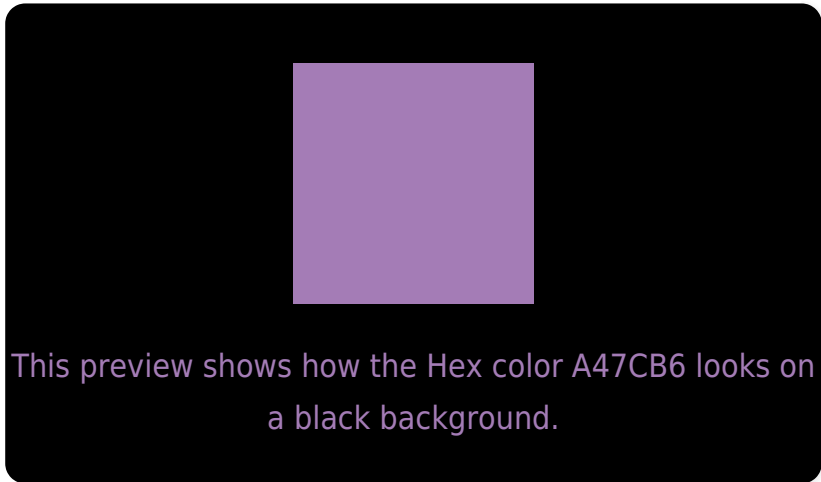
Large Text (above 18pt) WCAG AA ✓ Pass

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

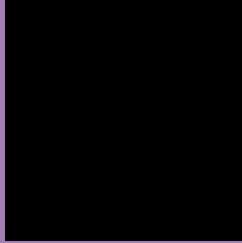
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A47CB6 Background



This preview shows how black text looks on a background with the Hex color A47CB6.

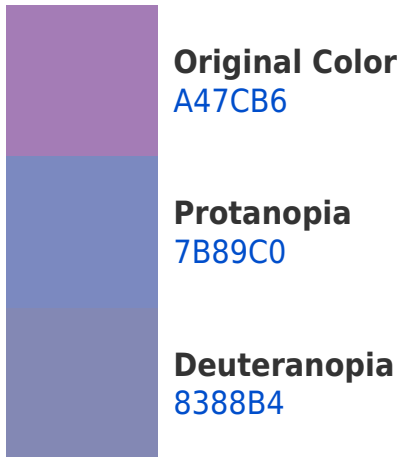


This preview shows how white text looks on a background with the Hex color A47CB6.

# 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**  
9E848E

# Trichromacy



**Original Color**  
A47CB6

**Protanomaly**  
8A84BC

**Deuteranomaly**  
8F84B5

**Tritanomaly**  
A0819D

# Monochromacy



**Original Color**  
A47CB6

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
97889D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47CB6 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 #A47CB6 looks like.

```
.text, #text, p{  
    color:#A47CB6  
}
```

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 #A47CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47CB6
}
```

## Border

The CSS property to change the border of an element to Hex A47CB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

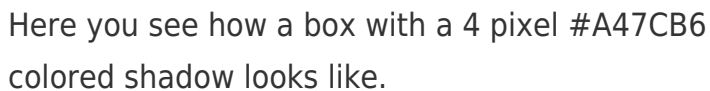
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A47CB6 }
```

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

```
.border{ border-color:#A47CB6 }
```

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



Here you see how a box with a 4 pixel #A47CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47CB6; -webkit-box-shadow:4px 4px  
4px 4px #A47CB6; box-shadow:4px 4px 4px  
4px #A47CB6 }
```

# Background

The CSS property to change the background color of an element to Hex A47CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47CB6 }
```

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

```
.background{ background-color:#A47CB6 }
```

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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