

# Converting Colors

Hex(A0647A)

Have a look what the booklet for  
Hex(A0647A) contains.

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# Color

**Hex(A0647A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0647A
RGB	160, 100, 122
RGB Percent	63%, 39%, 48%
CMY	0.3725, 0.6078, 0.5216
CMYK	0.00, 0.38, 0.24, 0.37
HSL	338°, 24%, 51%
HSV	338°, 38%, 63%
XYZ	22.5672, 17.9931, 20.6959
YIQ	120.4480, 28.6980, 19.5620

# Conversions

## Conversions Part 2

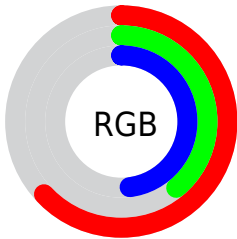
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 100, 122
Decimal	10511482
CIE <sub>Lab</sub>	49.49, 27.34, -2.08
CIE <sub>LCh</sub>	49, 27.416, 355.642
Yxy	17.9931, 0.3684, 0.2937
Android (android.graphics.Color)	4288701562 (0xFFA0647A)
YUV	120.4480, 0.7651, 34.6871
Hunter-Lab	42.4182, 20.7331, 0.7651

# Details

The Hex color **A0647A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64A08A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D898AE**, and **6B3449** is the 20% darker color. If you saturate the color by 10%, you get **A05470**, and if you desaturate by 10%, it is **A07484**.

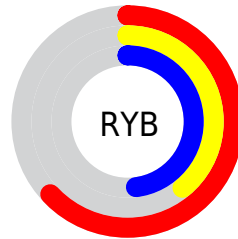
# Distribution



Red (63%)

Green (39%)

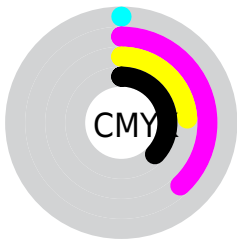
Blue (48%)



Red (63%)

Yellow (39%)

Blue (48%)

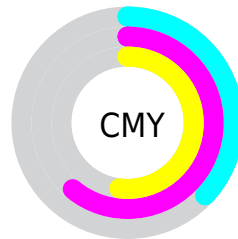


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (37%)



Cyan (37%)

Magenta (61%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0647A 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 A0647A by changing the saturation by 10% instead.



 A0647A

 A0647A


FFFFFF

 854B61

 D898AE

 6B3449

 F5B3CA

 511D33

 FFCFE6

 39051E

 FFE6FF

 260004

 000000

 A0647A

 A0647A

 A05470

 A07484

 A04466

 A0848E

 A0345C

 A09498

 A02451

 A0A4A3

 A01447

 A0B4AD

 A0043D

 A0C4B7

 A0003B

 A0D4C1

 A0E4CB

 A0F4D5

# Harmonies

## Analogous

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



906990



A0647A



A36563

# Triad

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



A0647A



717A4B



297F9B

# Complementary

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



A0647A



64A08A

# 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.



1D8289



A0647A



557F5B

# Square

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



A0647A



887347



388271



4F79A4

# Rectangle

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



A0647A



9E6955



388271



208096



# Sweetspot

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



A0647A



D1BAC3



8A64A0



695B60



E8E8E8



696969



# Same Dimension

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



A0647A



D17396



A06C64



4F474A



8F0034



0F0006



# Inverse Universe

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



A0647A



D17396



6498A0



4F474A



8F0034

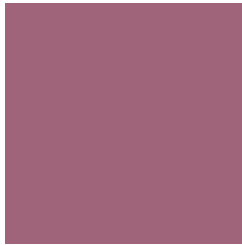


0F0006



# Previews

## White Background



This preview shows how the Hex color A0647A looks on a white background.

## Color Contrast Check

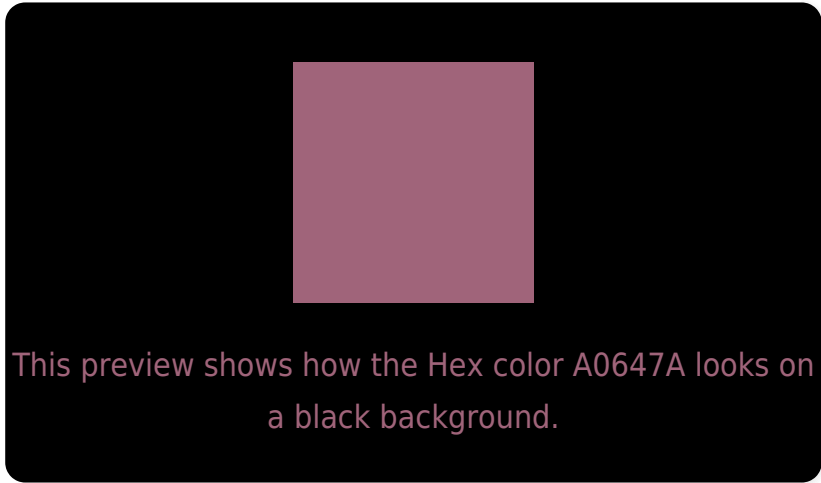
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

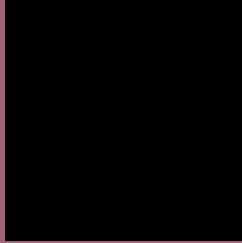
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A0647A Background



This preview shows how black text looks on a background with the Hex color A0647A.



This preview shows how white text looks on a background with the Hex color A0647A.

# 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



**Original Color**  
A0647A

**Protanopia**  
747585

**Deuteranopia**  
817277



**Tritanopia**  
9F666E

# Trichromacy



**Original Color**  
A0647A

**Protanomaly**  
846F81

**Deuteranomaly**  
8C6D78

**Tritanomaly**  
9F6572

# Monochromacy



**Original Color**  
A0647A

**Achromatopsia**  
787878

**Achromatomaly**  
877179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0647A 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 #A0647A looks like.

```
.text, #text, p{  
    color:#A0647A  
}
```

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 #A0647A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0647A
}
```

## Border

The CSS property to change the border of an element to Hex A0647A is called "border". The border property can be set on classes, ids or directly on the HTML element.

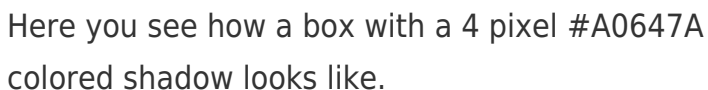
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0647A }
```

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

```
.border{ border-color:#A0647A }
```

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



Here you see how a box with a 4 pixel `#A0647A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0647A; -webkit-box-shadow:4px 4px  
4px 4px #A0647A; box-shadow:4px 4px 4px  
4px #A0647A }
```

# Background

The CSS property to change the background color of an element to Hex A0647A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0647A }
```

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

```
.background{ background-color:#A0647A }
```

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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