

# Converting Colors

Hex(A746A3)

Have a look what the booklet for  
Hex(A746A3) contains.

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# Color

**Hex(A746A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A746A3
RGB	167, 70, 163
RGB Percent	65%, 27%, 64%
CMY	0.3451, 0.7255, 0.3608
CMYK	0.00, 0.58, 0.02, 0.35
HSL	302°, 41%, 46%
HSV	302°, 58%, 65%
XYZ	24.7374, 15.2402, 36.2882
YIQ	109.6050, 27.9590, 49.4870

# Conversions

## Conversions Part 2

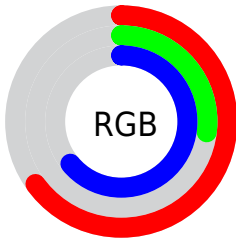
Format	Color
R <sub>YB</sub>	167, 70, 163
Decimal	10962595
CIE <sub>Lab</sub>	45.96, 52.16, -31.83
CIE <sub>LCh</sub>	46, 61.106, 328.603
Yxy	15.2402, 0.3244, 0.1998
Android (android.graphics.Color)	4289152675 (0xFFA746A3)
YUV	109.6050, 26.3237, 50.3354
Hunter-Lab	39.0386, 44.7914, -27.7857

# Details

The Hex color **A746A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **46A74A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E07CDA**, and **70066F** is the 20% darker color. If you saturate the color by 10%, you get **A735A2**, and if you desaturate by 10%, it is **A757A4**.

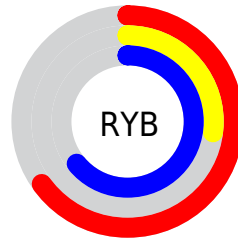
# Distribution



Red (65%)

Green (27%)

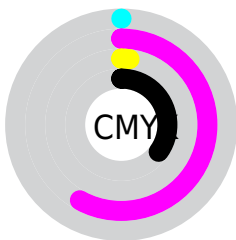
Blue (64%)



Red (65%)

Yellow (27%)

Blue (64%)

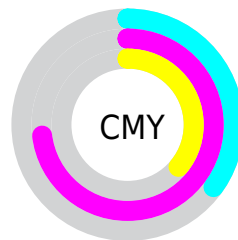


Cyan (0%)

Magenta (58%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (73%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A746A3 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 A746A3 by changing the saturation by 10% instead.



 A746A3

 A746A3

FFFFFF

 8B2A88

 E07CDA

 70066F

 FE97F7

 560056

 FFB3FF

 3C003E

 FFCFFF

 240028

 FFECFF

 000111

 000000

 A746A3

 A746A3

 A735A2

 A757A4

 A725A2

 A767A4

 A714A1

 A778A5

 A703A0

 A789A6

 A700A0

 A79AA6

 A7AAA7

 A7BBA8

 A7CCA9

 A7DCA9

# Harmonies

## Analogous

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



6460C8



A746A3



C43372

# Triad

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



A746A3



866A00



00839D

# Complementary

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



A746A3



46A74A

# 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.



008369



A746A3



537800

# Square

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



A746A3



AC550C



008034



007FC4

# Rectangle

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



A746A3



C63650



008034



00848C



# Sweetspot

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



A746A3



D9B4D7



4946A7



6E586D



EDEDED



6E6E6E



# Same Dimension

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



A746A3



D941D2



A74673



544C54



94008E



140014



# Inverse Universe

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



A746A3



D941D2



46A77A



544C54



94008E



140014



# Previews

## White Background



This preview shows how the Hex color A746A3 looks on a white background.

## Color Contrast Check

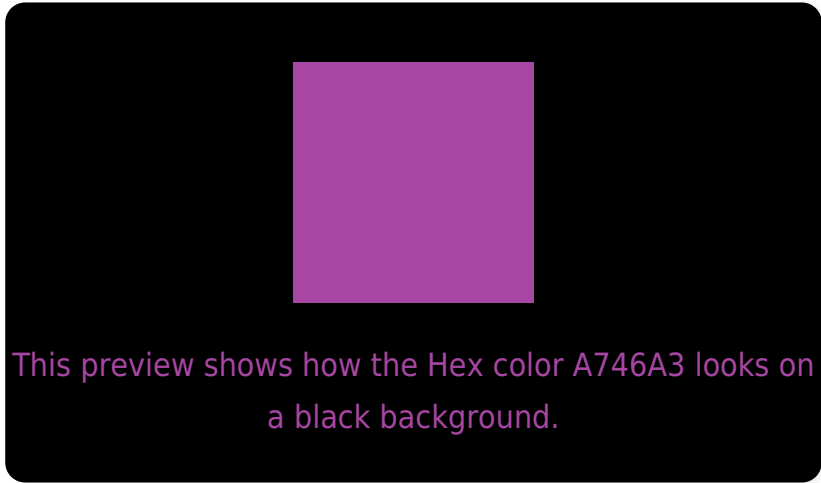
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

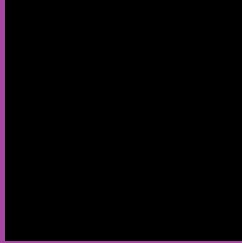
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A746A3 Background



This preview shows how black text looks on a background with the Hex color A746A3.

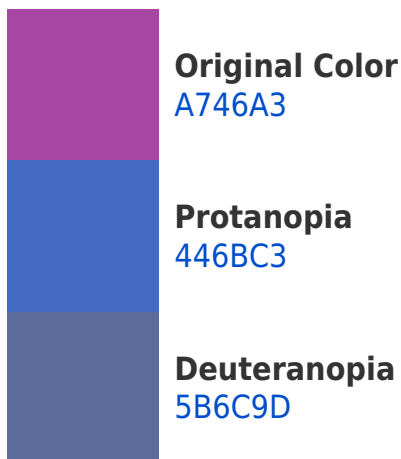



This preview shows how white text looks on a background with the Hex color A746A3.

# 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](#).

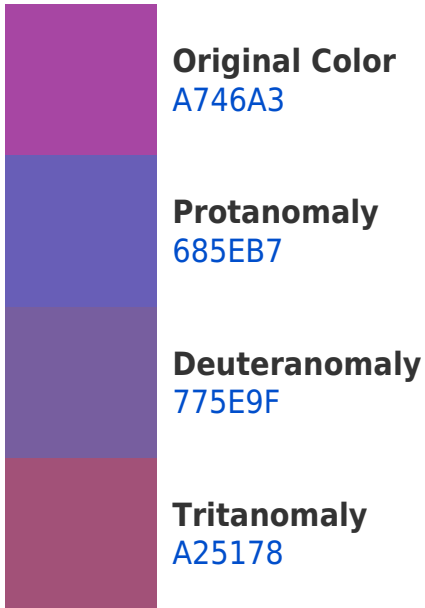
## Dichromacy



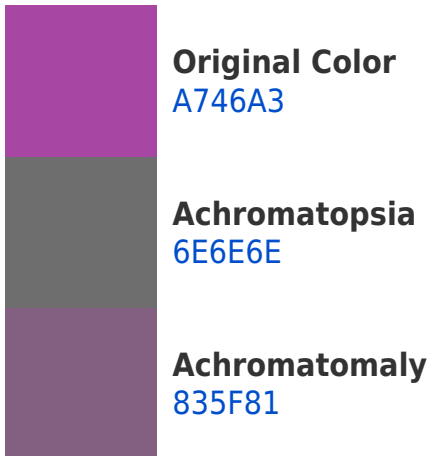


**Tritanopia**  
9F585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A746A3 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 #A746A3 looks like.

```
.text, #text, p{  
    color:#A746A3  
}
```

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 #A746A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A746A3
}
```

## Border

The CSS property to change the border of an element to Hex A746A3 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".

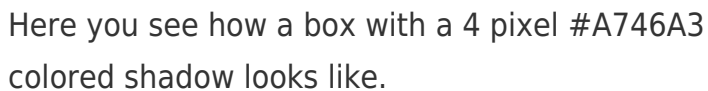
```
.border, #border, table{ border:4px solid
#A746A3 }
```

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

```
.border{ border-color:#A746A3 }
```

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

Here you see how a box with a 4 pixel #A746A3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A746A3; -webkit-box-shadow:4px 4px  
4px 4px #A746A3; box-shadow:4px 4px 4px  
4px #A746A3 }
```

# Background

The CSS property to change the background color of an element to Hex A746A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A746A3 }
```

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

```
.background{ background-color:#A746A3 }
```

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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