

# Converting Colors

Hex(A74DA4)

Have a look what the booklet for  
Hex(A74DA4) contains.

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# Color

**Hex(A74DA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A74DA4
RGB	167, 77, 164
RGB Percent	65%, 30%, 64%
CMY	0.3451, 0.6980, 0.3569
CMYK	0.00, 0.54, 0.02, 0.35
HSL	302°, 37%, 48%
HSV	302°, 54%, 65%
XYZ	25.2911, 16.2036, 36.9166
YIQ	113.8280, 25.7130, 46.1370

# Conversions

## Conversions Part 2

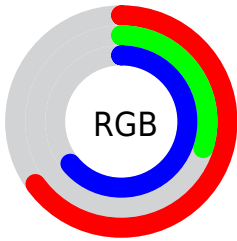
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 77, 164
Decimal	10964388
CIE Lab	47.24, 49.01, -30.42
CIE LCh	47, 57.685, 328.168
Yxy	16.2036, 0.3225, 0.2066
Android (android.graphics.Color)	4289154468 (0xFFA74DA4)
YUV	113.8280, 24.7348, 46.6318
Hunter-Lab	40.2537, 41.7062, -26.1972

# Details

The Hex color **A74DA4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DA750**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E082DB**, and **701570** is the 20% darker color. If you saturate the color by 10%, you get **A73CA3**, and if you desaturate by 10%, it is **A75EA5**.

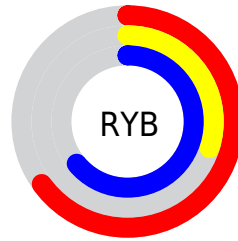
# Distribution



Red (65%)

Green (30%)

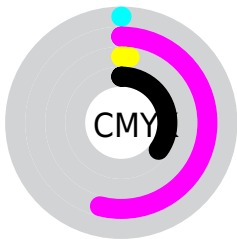
Blue (64%)



Red (65%)

Yellow (30%)

Blue (64%)

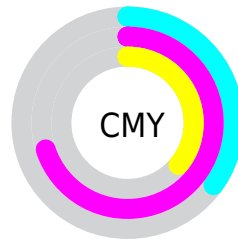


Cyan (0%)

Magenta (54%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A74DA4 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 A74DA4 by changing the saturation by 10% instead.



 A74DA4

 A74DA4

FFFFFF

 8B3389

 E082DB

 701570

 FD9DF8

 560057

 FFB9FF

 3C003F

 FFD5FF

 260029

 FFF2FF

 000112

 000000

 A74DA4

 A74DA4

 A73CA3

 A75EA5

 A72CA3

 A76EA5

 A71BA2

 A77FA6

 A70AA2

 A790A6

 A700A1

 A7A0A7

 A7B1A7

 A7C2A8

 A7D3A8

 A7E3A9

# Harmonies

## Analogous

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



6864C6



A74DA4



C33D75

# Triad

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



A74DA4



896D00



00869D

# Complementary

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



A74DA4



4DA750

# 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.



00866B



A74DA4



5A7A05

# Square

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



A74DA4



AE5919



008239



0082C2

# Rectangle

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



A74DA4



C63F55



008239



00868D



# Sweetspot

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



A74DA4



D9B6D8



504DA7



6E596D



EDEDED



6E6E6E



# Same Dimension

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



A74DA4



D94CD4



A74D77



544C54



94008F



140014



# Inverse Universe

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



A74DA4



D94CD4



4DA77D



544C54



94008F



140014



# Previews

## White Background



This preview shows how the Hex color A74DA4 looks on a white background.

## Color Contrast Check

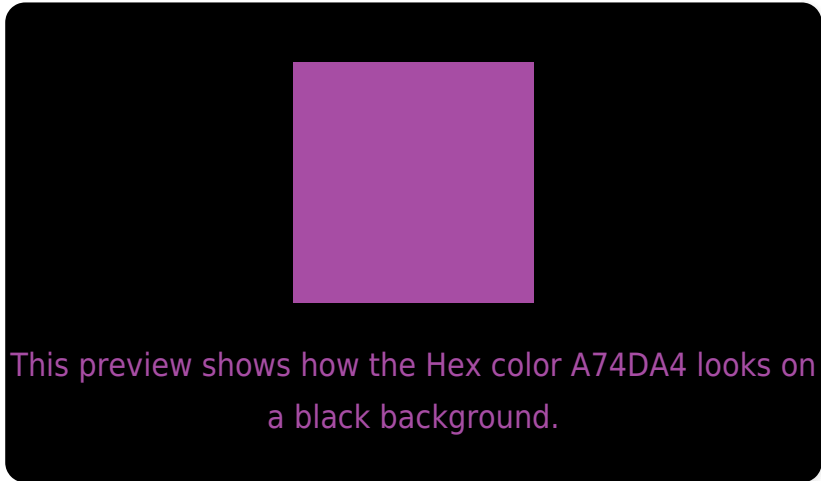
Large Text (above 18pt) WCAG AA ✓ Pass

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

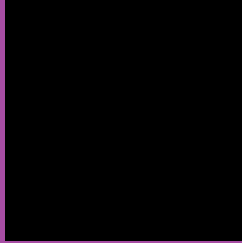
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A74DA4 Background



This preview shows how black text looks on a background with the Hex color A74DA4.

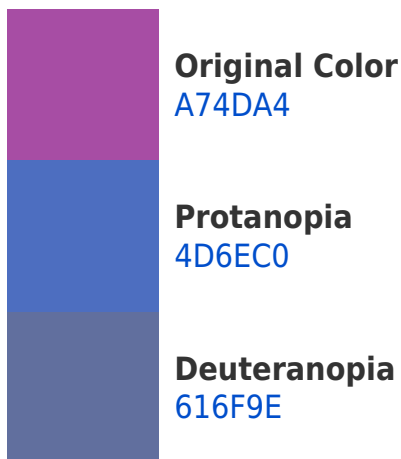


This preview shows how white text looks on a background with the Hex color A74DA4.

# 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](#).

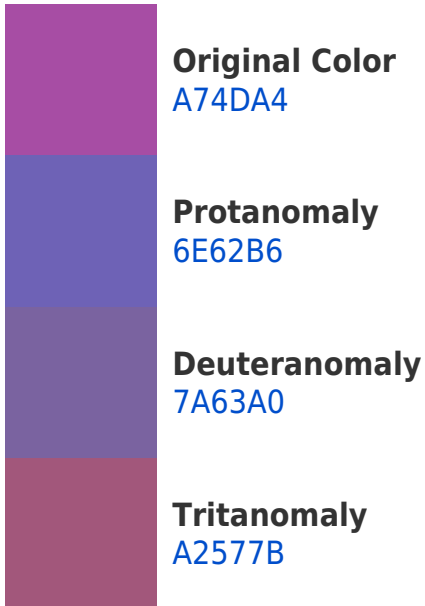
## Dichromacy



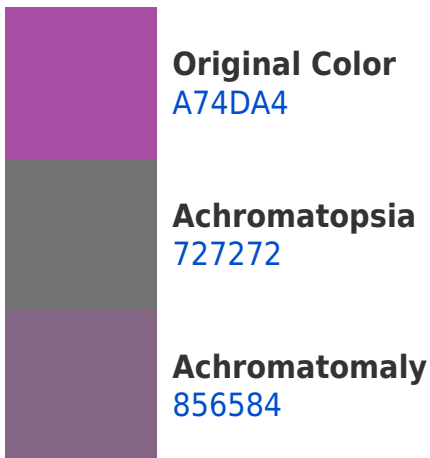


**Tritanopia**  
9F5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A74DA4 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 #A74DA4 looks like.

```
.text, #text, p{  
    color:#A74DA4  
}
```

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 #A74DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74DA4
}
```

## Border

The CSS property to change the border of an element to Hex A74DA4 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
#A74DA4 }
```

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

```
.border{ border-color:#A74DA4 }
```

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

Here you see how a box with a 4 pixel #A74DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74DA4; -webkit-box-shadow:4px 4px  
4px 4px #A74DA4; box-shadow:4px 4px 4px  
4px #A74DA4 }
```

# Background

The CSS property to change the background color of an element to Hex A74DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74DA4 }
```

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

```
.background{ background-color:#A74DA4 }
```

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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