

# Converting Colors

Hex(A174AD)

Have a look what the booklet for  
Hex(A174AD) contains.

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# **Color**

**Hex(A174AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A174AD
RGB	161, 116, 173
RGB Percent	63%, 45%, 68%
CMY	0.3686, 0.5451, 0.3216
CMYK	0.07, 0.33, 0.00, 0.32
HSL	287°, 26%, 57%
HSV	287°, 33%, 68%
XYZ	28.4862, 23.0850, 42.4896
YIQ	135.9530, 8.5230, 27.2670

# Conversions

## Conversions Part 2

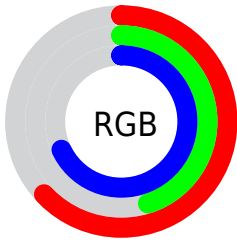
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 116, 173
Decimal	10581165
CIELab	55.16, 27.88, -23.46
CIELCh	55, 36.442, 319.922
Yxy	23.0850, 0.3028, 0.2454
Android (android.graphics.Color)	4288771245 (0xFFA174AD)
YUV	135.9530, 18.2642, 21.9662
Hunter-Lab	48.0468, 21.7477, -18.7996

# Details

The Hex color **A174AD** is a light color, and the websafe version is hex **996699**. A complement of this color would be **80AD74**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D8A9E5**, and **6C4378** is the 20% darker color. If you saturate the color by 10%, you get **9D63AD**, and if you desaturate by 10%, it is **A585AD**.

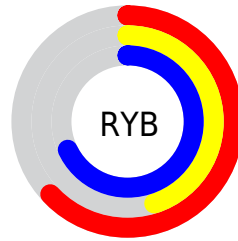
# Distribution



Red (63%)

Green (45%)

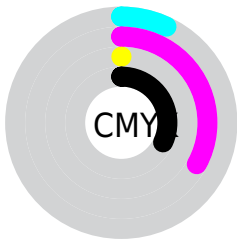
Blue (68%)



Red (63%)

Yellow (45%)

Blue (68%)

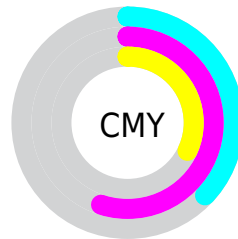


Cyan (7%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (55%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A174AD 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 A174AD by changing the saturation by 10% instead.



 A174AD

 A174AD

FFFFFF

 865B92

 D8A9E5

 6C4378

 F5C4FF

 532C5F

 FFE0FF

 3B1548

 FFFDFF

 250031

 01001C

 000000

 A174AD

 A174AD

 9D63AD

 A585AD

 9A51AD

 A897AD

 9640AD

 ACA8AD

 922FAD

 B0B9AD

 8F1EAD

 B3CBAD

 8B0CAD

 B7DCAD

 8900AD

 BAEDAD

 BEFEAD

 C2FFAD

# Harmonies

## Analogous

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



7780BF



A174AD



BA6C90

# Triad

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



A174AD



A17F45



009498

# Complementary

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



A174AD



80AD74

# 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.



2F9478



A174AD



838947

# Square

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



A174AD



B77355



5E905A



0091B4

# Rectangle

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



A174AD



C06B7B



5E905A



00958E



# Sweetspot

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



A174AD



DCCAE0



7480AD



6D6370



F0F0F0



707070



# Same Dimension

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



A174AD



CE87E0



AD749D



554E57



770096



120017



# Inverse Universe

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



AD7480



E0879A



74AD84



574E50



960020

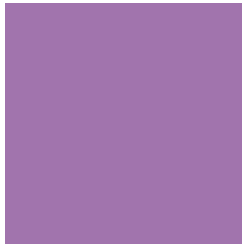


170005



# Previews

## White Background



This preview shows how the Hex color A174AD 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

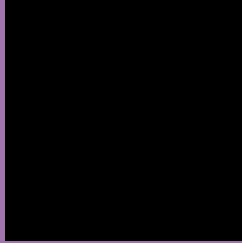
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A174AD Background



This preview shows how black text looks on a background with the Hex color A174AD.

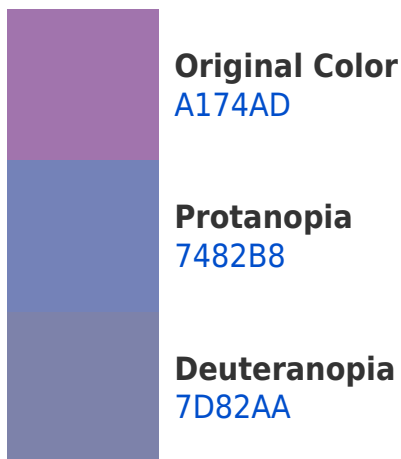


This preview shows how white text looks on a background with the Hex color A174AD.

# 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](#).

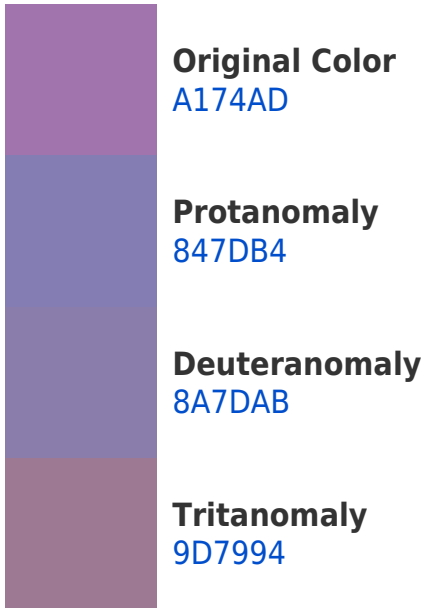
## Dichromacy



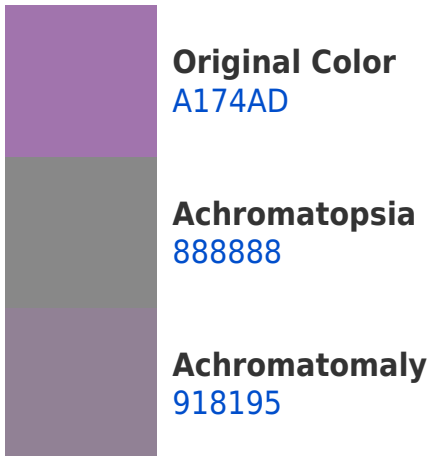


**Tritanopia**  
9B7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A174AD 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 #A174AD looks like.

```
.text, #text, p{  
    color:#A174AD  
}
```

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 #A174AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A174AD
}
```

## Border

The CSS property to change the border of an element to Hex A174AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

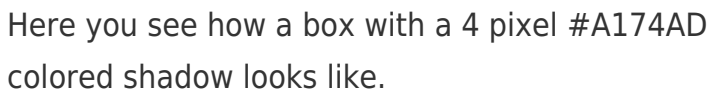
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A174AD }
```

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

```
.border{ border-color:#A174AD }
```

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



Here you see how a box with a 4 pixel #A174AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A174AD; -webkit-box-shadow:4px 4px  
4px 4px #A174AD; box-shadow:4px 4px 4px  
4px #A174AD }
```

# Background

The CSS property to change the background color of an element to Hex A174AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A174AD }
```

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

```
.background{ background-color:#A174AD }
```

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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