

# Converting Colors

Hex(A84D8A)

Have a look what the booklet for  
Hex(A84D8A) contains.

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# Color

**Hex(A84D8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A84D8A
RGB	168, 77, 138
RGB Percent	66%, 30%, 54%
CMY	0.3412, 0.6980, 0.4588
CMYK	0.00, 0.54, 0.18, 0.34
HSL	320°, 37%, 48%
HSV	320°, 54%, 66%
XYZ	23.3898, 15.4676, 25.7975
YIQ	111.1630, 34.6550, 38.2630

# Conversions

## Conversions Part 2

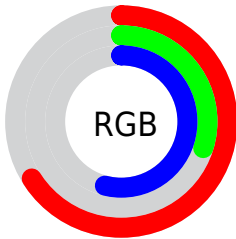
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 77, 138
Decimal	11029898
CIE <sub>Lab</sub>	46.27, 44.93, -16.40
CIE <sub>LCh</sub>	46, 47.830, 339.950
Yxy	15.4676, 0.3618, 0.2392
Android (android.graphics.Color)	4289219978 (0xFFA84D8A)
YUV	111.1630, 13.2306, 49.8460
Hunter-Lab	39.3288, 37.3327, -11.3608

# Details

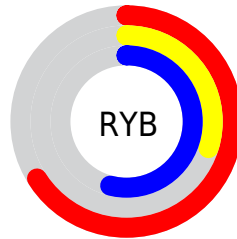
The Hex color **A84D8A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4DA86B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E182C0**, and **711758** is the 20% darker color. If you saturate the color by 10%, you get **A83C84**, and if you desaturate by 10%, it is **A85E90**.

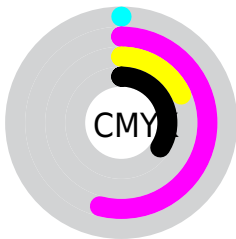
# Distribution



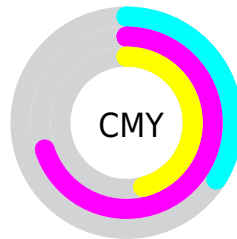
- Red (66%)
- Green (30%)
- Blue (54%)



- Red (66%)
- Yellow (30%)
- Blue (54%)



- Cyan (0%)
- Magenta (54%)
- Yellow (18%)
- Black (34%)



- Cyan (34%)
- Magenta (70%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84D8A 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 A84D8A by changing the saturation by 10% instead.



 A84D8A

 A84D8A

FFFFFF

 8C3370

 E182C0

 711758

 FF9DDB

 570040

 FFB8F8

 3D002A

 FFD5FF

 260015

 FFF2FF

 000000

 A84D8A

 A84D8A

 A83C84

 A85E90

 A82B7F

 A86F95

 A81B79

 A87F9B

 A80A74

 A890A0

 A80071

 A8A1A6

 A8B2AB

 A8C3B1

 A8D3B6

 A8E4BC

# Harmonies

## Analogous

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



815DAB



A84D8A



B64862

# Triad

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



A84D8A



767015



007FA0

# Complementary

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



A84D8A



4DA86B

# 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.



00817A



A84D8A



4A7A2C

# Square

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



A84D8A



98621E



007F51



0079B9

# Rectangle

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



A84D8A



B44D48



007F51



008095



# Sweetspot

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



A84D8A



DBB8D0



6A4DA8



6E5967



EDEDED



6E6E6E



# Same Dimension

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



A84D8A



DB4DAC



A84D5E



544C51



940063



14000E



# Inverse Universe

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



A84D8A



DB4DAC



4DA897



544C51



940063



14000E



# Previews

## White Background



This preview shows how the Hex color A84D8A looks on a white background.

## Color Contrast Check

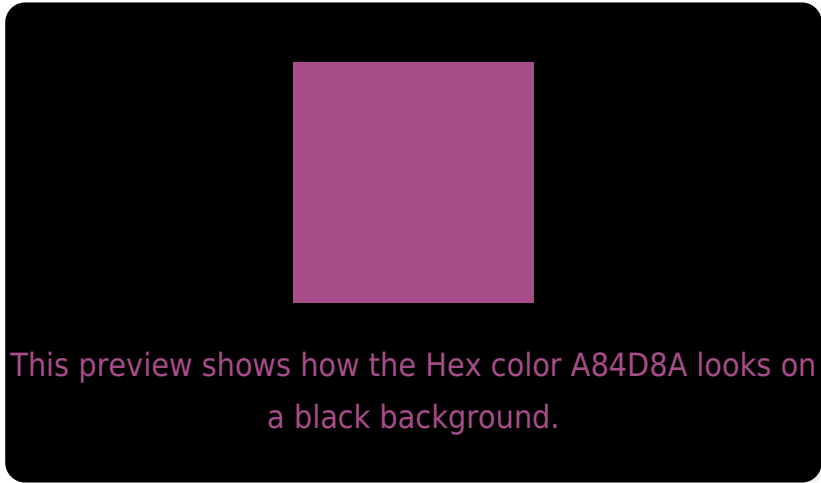
Large Text (above 18pt) WCAG AA ✓ Pass

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

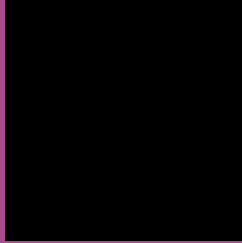
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A84D8A Background



This preview shows how black text looks on a background with the Hex color A84D8A.

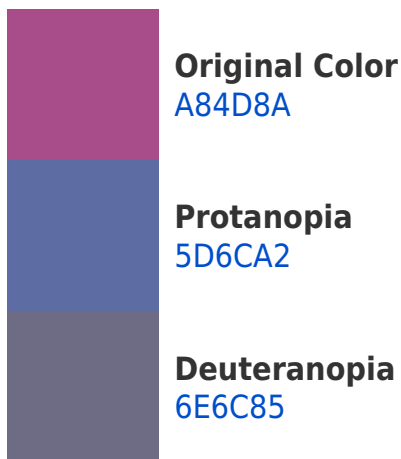



This preview shows how white text looks on a background with the Hex color A84D8A.

# 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](#).

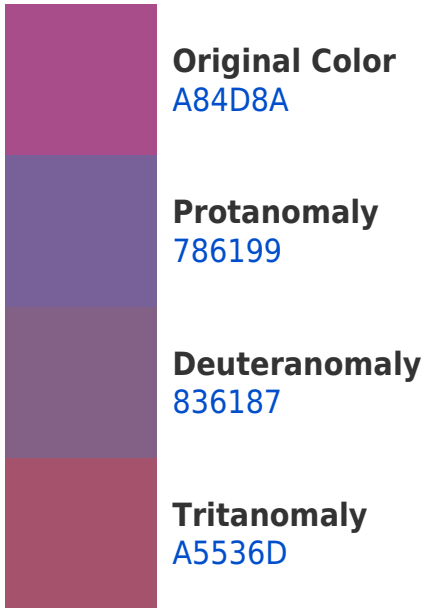
## Dichromacy



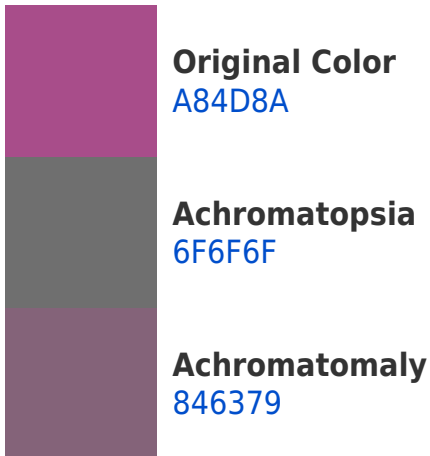


**Tritanopia**  
A4575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84D8A 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 #A84D8A looks like.

```
.text, #text, p{  
    color:#A84D8A  
}
```

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 #A84D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84D8A
}
```

## Border

The CSS property to change the border of an element to Hex A84D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

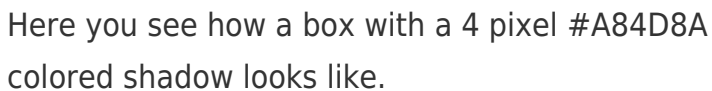
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A84D8A }
```

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

```
.border{ border-color:#A84D8A }
```

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



Here you see how a box with a 4 pixel #A84D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84D8A; -webkit-box-shadow:4px 4px  
4px 4px #A84D8A; box-shadow:4px 4px 4px  
4px #A84D8A }
```

# Background

The CSS property to change the background color of an element to Hex A84D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84D8A }
```

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

```
.background{ background-color:#A84D8A }
```

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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