

# Converting Colors

Hex(A84A8F)

Have a look what the booklet for  
Hex(A84A8F) contains.

<b>Hex(A84A8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A84A8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A84A8F
RGB	168, 74, 143
RGB Percent	66%, 29%, 56%
CMY	0.3412, 0.7098, 0.4392
CMYK	0.00, 0.56, 0.15, 0.34
HSL	316°, 39%, 47%
HSV	316°, 56%, 66%
XYZ	23.5552, 15.2056, 27.6801
YIQ	109.9720, 33.8750, 41.3870

# Conversions

## Conversions Part 2

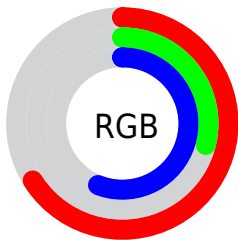
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 74, 143
Decimal	11029135
CIE <sub>Lab</sub>	45.91, 47.19, -19.95
CIE <sub>LCh</sub>	46, 51.235, 337.087
Yxy	15.2056, 0.3545, 0.2289
Android (android.graphics.Color)	4289219215 (0xFFA84A8F)
YUV	109.9720, 16.2828, 50.8906
Hunter-Lab	38.9943, 39.5858, -14.7909

# Details

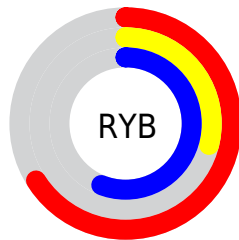
The Hex color **A84A8F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4AA863**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E17FC5**, and **71115C** is the 20% darker color. If you saturate the color by 10%, you get **A8398B**, and if you desaturate by 10%, it is **A85B93**.

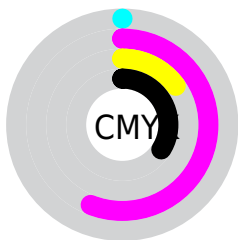
# Distribution



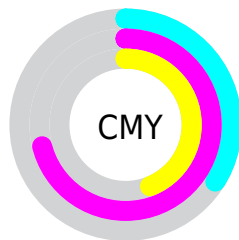
- Red (66%)
- Green (29%)
- Blue (56%)



- Red (66%)
- Yellow (29%)
- Blue (56%)



- Cyan (0%)
- Magenta (56%)
- Yellow (15%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84A8F 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 A84A8F by changing the saturation by 10% instead.




 A84A8F

 A84A8F

FFFFFF

 8C2F75

 E17FC5

 71115C

 FF9AE1

 570045

 FFB6FE

 3D002E

 FFD2FF

 250019

 FFEFFF

 000000

 A84A8F

 A84A8F

 A8398B

 A85B93

 A82886

 A86C98

 A81882

 A87C9C

 A8077D

 A88DA1

 A8007B

 A89EA5

 A8AFAA

 A8C0AE

 A8D0B3

 A8E1B7

# Harmonies

## Analogous

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



7B5DB2



A84A8F



B94264

# Triad

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



A84A8F



796E05



00809F

# Complementary

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



A84A8F



4AA863

# 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.



008176



A84A8F



4B7922

# Square

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



A84A8F



9C5E18



007F4A



007ABC

# Rectangle

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



A84A8F



B84748



007F4A



008193



# Sweetspot

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



A84A8F



DBB6D1



614AA8



6E5868



EDEDED



6E6E6E



# Same Dimension

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



A84A8F



DB48B4



A84A61



544C52



94006D



14000F



# Inverse Universe

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



A84A8F



DB48B4



4AA891



544C52



94006D

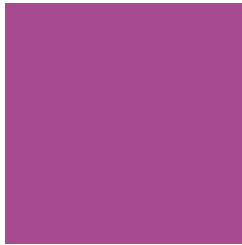


14000F



# Previews

## White Background



This preview shows how the Hex color A84A8F looks on a white background.

## Color Contrast Check

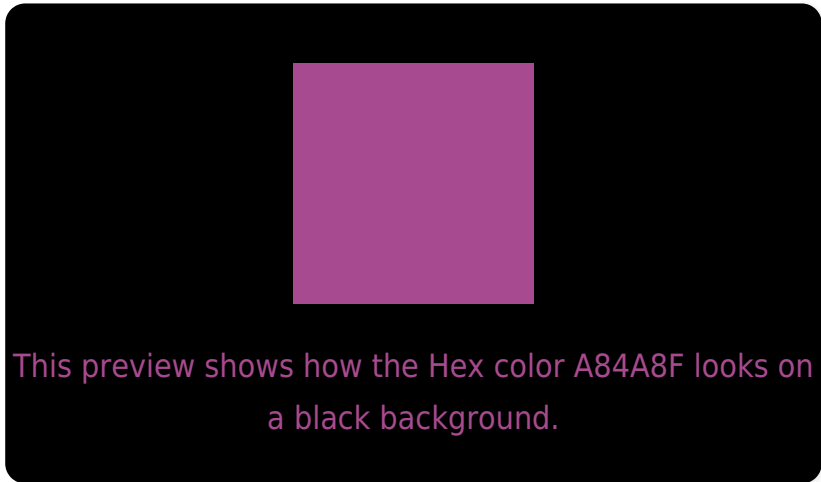
Large Text (above 18pt) WCAG AA ✓ Pass

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 A84A8F Background



This preview shows how black text looks on a background with the Hex color A84A8F.

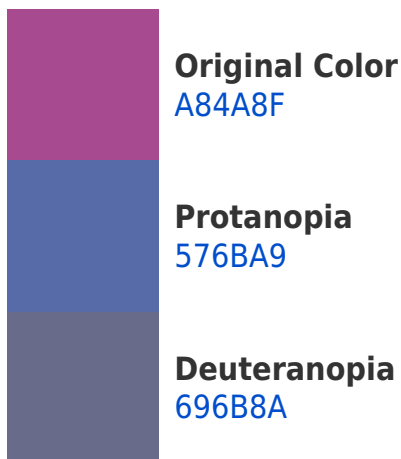



This preview shows how white text looks on a background with the Hex color A84A8F.

# 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](#).

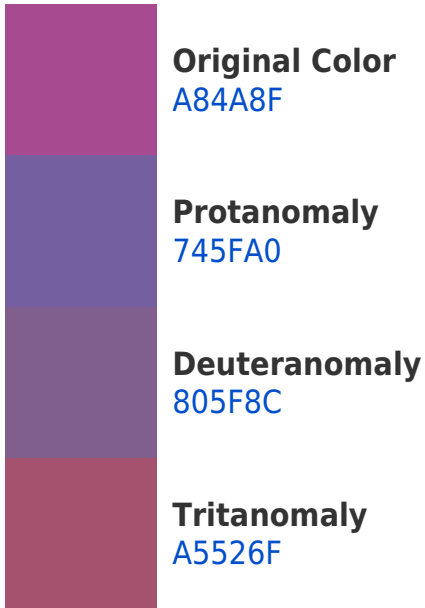
## Dichromacy





**Tritanopia**  
A3565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84A8F 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 #A84A8F looks like.

```
.text, #text, p{  
    color:#A84A8F  
}
```

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 #A84A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84A8F
}
```

## Border

The CSS property to change the border of an element to Hex A84A8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

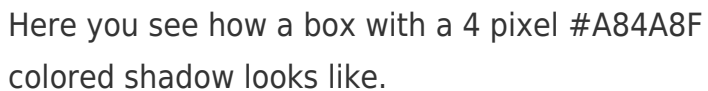
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A84A8F }
```

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

```
.border{ border-color:#A84A8F }
```

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



Here you see how a box with a 4 pixel #A84A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84A8F; -webkit-box-shadow:4px 4px  
4px 4px #A84A8F; box-shadow:4px 4px 4px  
4px #A84A8F }
```

# Background

The CSS property to change the background color of an element to Hex A84A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84A8F }
```

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

```
.background{ background-color:#A84A8F }
```

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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