

# Converting Colors

Hex(A84D90)

Have a look what the booklet for  
Hex(A84D90) contains.

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# Color

**Hex(A84D90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A84D90
RGB	168, 77, 144
RGB Percent	66%, 30%, 56%
CMY	0.3412, 0.6980, 0.4353
CMYK	0.00, 0.54, 0.14, 0.34
HSL	316°, 37%, 48%
HSV	316°, 54%, 66%
XYZ	23.8364, 15.6462, 28.1493
YIQ	111.8470, 32.7290, 40.1290

# Conversions

## Conversions Part 2

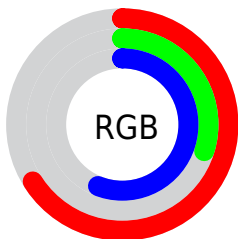
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 77, 144
Decimal	11029904
CIE <sub>Lab</sub>	46.51, 45.88, -19.64
CIE <sub>LCh</sub>	47, 49.910, 336.829
Yxy	15.6462, 0.3524, 0.2313
Android (android.graphics.Color)	4289219984 (0xFFA84D90)
YUV	111.8470, 15.8514, 49.2462
Hunter-Lab	39.5553, 38.3440, -14.5047

# Details

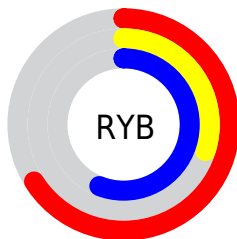
The Hex color **A84D90** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4DA865**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E182C6**, and **71165D** is the 20% darker color. If you saturate the color by 10%, you get **A83C8C**, and if you desaturate by 10%, it is **A85E94**.

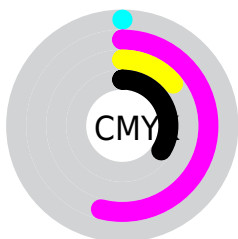
# Distribution



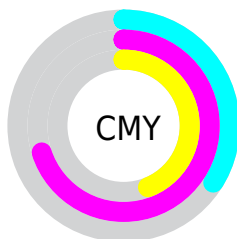
- Red (66%)
- Green (30%)
- Blue (56%)



- Red (66%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (34%)



- Cyan (34%)
- Magenta (70%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84D90 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 A84D90 by changing the saturation by 10% instead.



 A84D90

 A84D90

FFFFFF

 8C3376

 E182C6

 71165D

 FF9DE2

 570046

 FFB9FF

 3D002F

 FFD5FF

 26001A

 FFF2FF

 000000

 A84D90

 A84D90

 A83C8C

 A85E94

 A82B87

 A86F99

 A81B83

 A87F9D

 A80A7E

 A890A2

 A8007C

 A8A1A6

 A8B2AB

 A8C3AF

 A8D3B3

 A8E4B8

# Harmonies

## Analogous

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



7C5FB2



A84D90



B94566

# Triad

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



A84D90



7B6F0E



00819F

# Complementary

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



A84D90



4DA865

# 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.



008277



A84D90



4E7A25

# Square

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



A84D90



9D601D



00804B



007BBB

# Rectangle

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



A84D90



B84A4B



00804B



008293



# Sweetspot

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



A84D90



DBB8D2



644DA8



6E5968



EDEDED



6E6E6E



# Same Dimension

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



A84D90



DB4DB6



A84D64



544C52



94006D



14000F



# Inverse Universe

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



A84D90



DB4DB6



4DA891



544C52



94006D



14000F



# Previews

## White Background



This preview shows how the Hex color A84D90 looks on a white background.

## Color Contrast Check

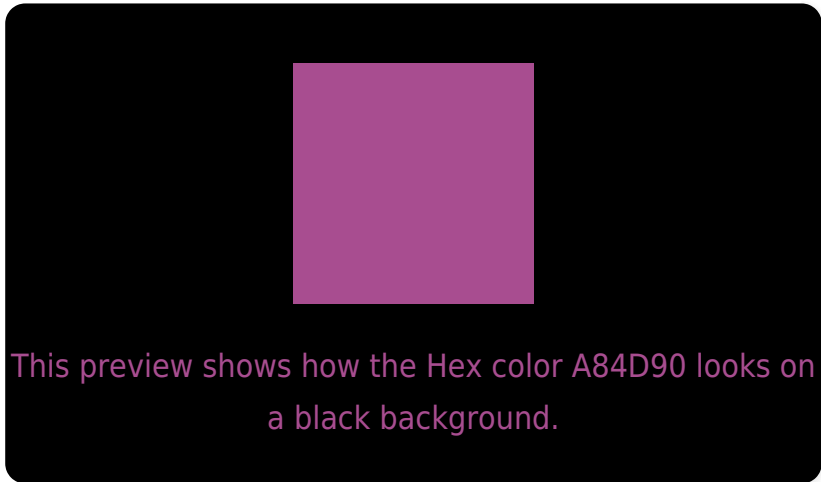
Large Text (above 18pt) WCAG AA ✓ Pass

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

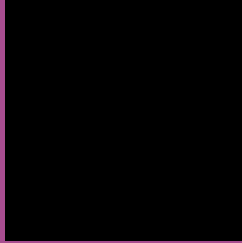
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A84D90 Background



This preview shows how black text looks on a background with the Hex color A84D90.

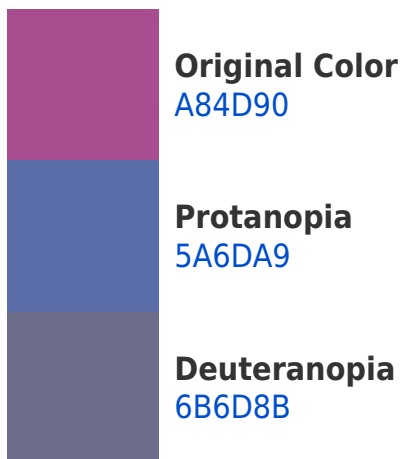



This preview shows how white text looks on a background with the Hex color A84D90.

# 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](#).

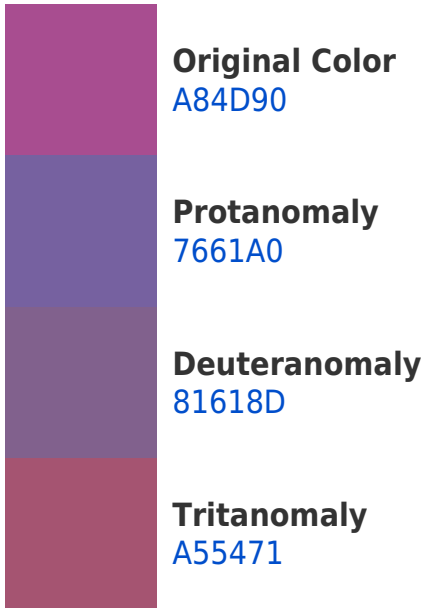
## Dichromacy





**Tritanopia**  
A3585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84D90 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 #A84D90 looks like.

```
.text, #text, p{  
    color:#A84D90  
}
```

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 #A84D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84D90
}
```

## Border

The CSS property to change the border of an element to Hex A84D90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

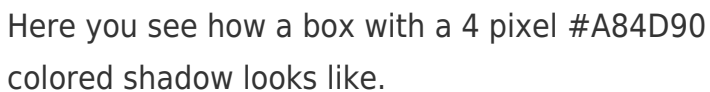
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A84D90 }
```

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

```
.border{ border-color:#A84D90 }
```

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



Here you see how a box with a 4 pixel #A84D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84D90; -webkit-box-shadow:4px 4px  
4px 4px #A84D90; box-shadow:4px 4px 4px  
4px #A84D90 }
```

# Background

The CSS property to change the background color of an element to Hex A84D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84D90 }
```

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

```
.background{ background-color:#A84D90 }
```

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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