

# Converting Colors

Hex(A843BC)

Have a look what the booklet for  
Hex(A843BC) contains.

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# Color

**Hex(A843BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A843BC
RGB	168, 67, 188
RGB Percent	66%, 26%, 74%
CMY	0.3412, 0.7373, 0.2627
CMYK	0.11, 0.64, 0.00, 0.26
HSL	290°, 47%, 50%
HSV	290°, 64%, 74%
XYZ	27.2327, 15.9700, 49.2241
YIQ	110.9930, 21.3550, 59.0430

# Conversions

## Conversions Part 2

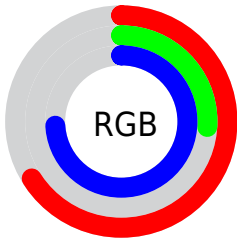
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 67, 188
Decimal	11027388
CIE <sub>Lab</sub>	46.94, 58.35, -44.99
CIE <sub>LCh</sub>	47, 73.683, 322.369
Yxy	15.9700, 0.2946, 0.1728
Android (android.graphics.Color)	4289217468 (0xFFA843BC)
YUV	110.9930, 37.9645, 49.9951
Hunter-Lab	39.9625, 51.7058, -45.0573

# Details

The Hex color **A843BC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57BC43**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E27AF5**, and **700086** is the 20% darker color. If you saturate the color by 10%, you get **A530BC**, and if you desaturate by 10%, it is **AB56BC**.

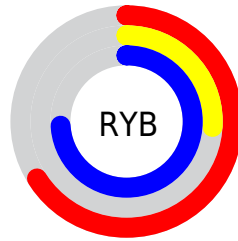
# Distribution



Red (66%)

Green (26%)

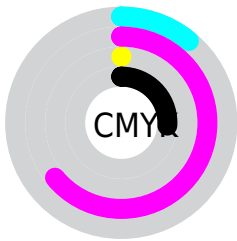
Blue (74%)



Red (66%)

Yellow (26%)

Blue (74%)

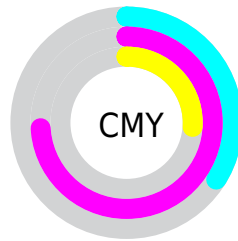


Cyan (11%)

Magenta (64%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (74%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A843BC 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 A843BC by changing the saturation by 10% instead.



 A843BC

 A843BC

FFFFFF

 8C26A1

 E27AF5

 700086

 FF95FF

 55006C

 FFB1FF

 3A0053

 FFCEFF

 22003C

 FFE8FF

 000124

 00000D

 000000

 A843BC

 A843BC

 A530BC

 AB56BC

 A21DBC

 AE69BC

 9F0BBC

 B17BBC

 9D00BC

 B48EBC

 B8A1BC

 BBB4BC

 BEC7BC

 C1D9BC

 C4ECBC

# Harmonies

## Analogous

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



3966E3



A843BC



D21682

# Triad

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



A843BC



956700



008A9D

# Complementary

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



A843BC



57BC43

# 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.



00885D



A843BC



5B7A00

# Square

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



A843BC



C04900



008417



0087D1

# Rectangle

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



A843BC



D91259



008417



008988



# Sweetspot

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



A843BC



EDC6F5



4357BC



765E7A



FAFAFA



7A7A7A



# Same Dimension

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



A843BC



D638F5



BC4394



5D555E



84009E



1A001F



# Inverse Universe

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



BC4357



F53857



43BC6B



5E5556



9E001A



1F0005



# Previews

## White Background



This preview shows how the Hex color A843BC looks on a white background.

## Color Contrast Check

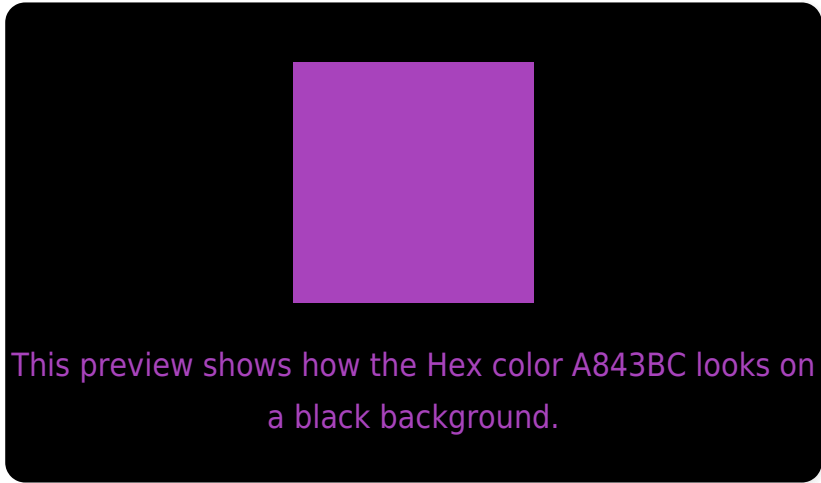
Large Text (above 18pt) WCAG AA ✓ Pass

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

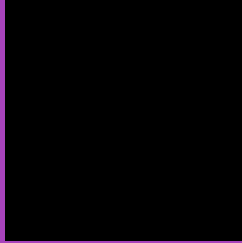
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A843BC Background



This preview shows how black text looks on a background with the Hex color A843BC.

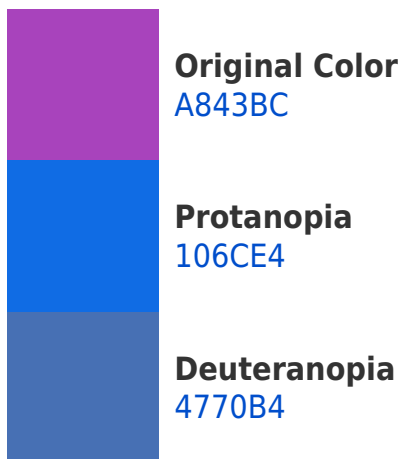


This preview shows how white text looks on a background with the Hex color A843BC.

# 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**  
9C5D64

# Trichromacy



**Original Color**  
A843BC



**Protanomaly**  
475DD5



**Deuteranomaly**  
6A60B7



**Tritanomaly**  
A05484

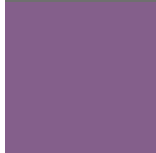
# Monochromacy



**Original Color**  
A843BC



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
845F8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A843BC 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 #A843BC looks like.

```
.text, #text, p{  
    color:#A843BC  
}
```

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 #A843BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A843BC
}
```

## Border

The CSS property to change the border of an element to Hex A843BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

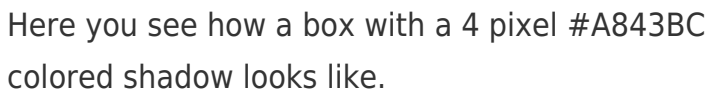
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A843BC }
```

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

```
.border{ border-color:#A843BC }
```

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



Here you see how a box with a 4 pixel #A843BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A843BC; -webkit-box-shadow:4px 4px  
4px 4px #A843BC; box-shadow:4px 4px 4px  
4px #A843BC }
```

# Background

The CSS property to change the background color of an element to Hex A843BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A843BC }
```

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

```
.background{ background-color:#A843BC }
```

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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