

# Converting Colors

Hex(A343AD)

Have a look what the booklet for  
Hex(A343AD) contains.

<b>Hex(A343AD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A343AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A343AD
RGB	163, 67, 173
RGB Percent	64%, 26%, 68%
CMY	0.3608, 0.7373, 0.3216
CMYK	0.06, 0.61, 0.00, 0.32
HSL	294°, 44%, 47%
HSV	294°, 61%, 68%
XYZ	24.6542, 14.8180, 41.0959
YIQ	107.7880, 23.1900, 53.3180

# Conversions

## Conversions Part 2

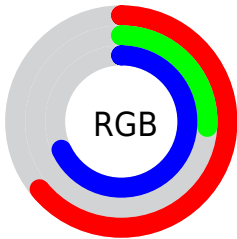
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 67, 173
Decimal	10699693
CIE <sub>Lab</sub>	45.38, 54.29, -38.70
CIE <sub>LCh</sub>	45, 66.672, 324.516
Yxy	14.8180, 0.3060, 0.1839
Android (android.graphics.Color)	4288889773 (0xFFA343AD)
YUV	107.7880, 32.1495, 48.4209
Hunter-Lab	38.4941, 46.9588, -36.3515

# Details

The Hex color **A343AD** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DAD43**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **DC79E5**, and **6C0078** is the 20% darker color. If you saturate the color by 10%, you get **A132AD**, and if you desaturate by 10%, it is **A554AD**.

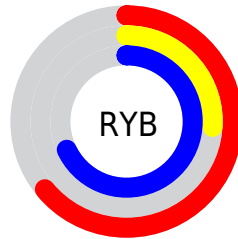
# Distribution



Red (64%)

Green (26%)

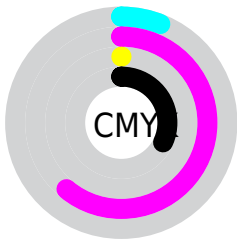
Blue (68%)



Red (64%)

Yellow (26%)

Blue (68%)

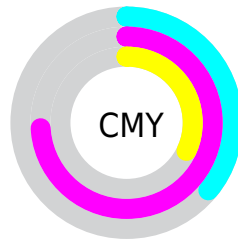


Cyan (6%)

Magenta (61%)

Yellow (0%)

Black (32%)



Cyan (36%)

Magenta (74%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A343AD 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 A343AD by changing the saturation by 10% instead.



 A343AD

 A343AD

FFFFFF

 872792

 DC79E5

 6C0078

 FA94FF

 51005F

 FFB0FF

 380047

 FFCCFF

 1F0030

 FFE9FF

 000119

 000000

 A343AD

 A343AD

 A132AD

 A554AD

 A020AD

 A666AD

 9E0FAD

 A877AD

 9D00AD

 AA88AD

 AB9AAD

 ADABAD

 AEBCAD

 B0CDAD

 B2DFAD

# Harmonies

## Analogous

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



4D61D2



A343AD



C72578

# Triad

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



A343AD



8B6600



008498

# Complementary

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



A343AD



4DAD43

# 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.



00835F



A343AD



567600

# Square

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



A343AD



B34C04



007F24



0080C6

# Rectangle

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



A343AD



CC2653



007F24



008486



# Sweetspot

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



A343AD



DDB8E0



434EAD



6E5870



F0F0F0



707070



# Same Dimension

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



A343AD



D13AE0



AD4383



564E57



880096



150017



# Inverse Universe

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



AD434D



E03A4A



43AD6D



574E4F



96000E



170002



# Previews

## White Background



This preview shows how the Hex color A343AD looks on a white background.

## Color Contrast Check

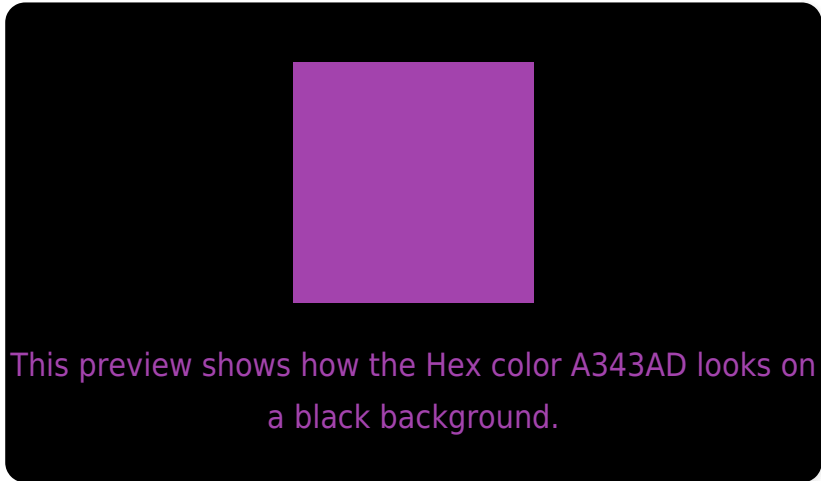
Large Text (above 18pt) WCAG AA ✓ Pass

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

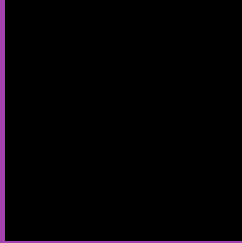
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A343AD Background



This preview shows how black text looks on a background with the Hex color A343AD.

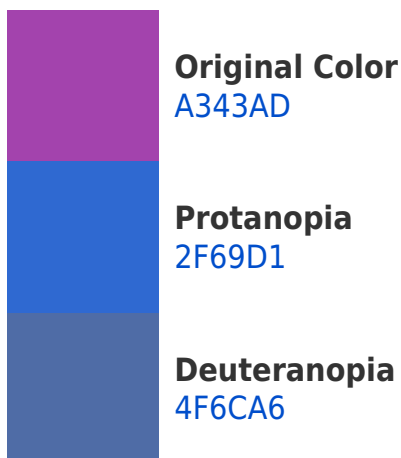


This preview shows how white text looks on a background with the Hex color A343AD.

# 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



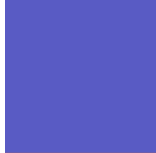


**Tritanopia**  
995960

# Trichromacy



**Original Color**  
A343AD



**Protanomaly**  
595BC4



**Deuteranomaly**  
6E5DA9



**Tritanomaly**  
9D517C

# Monochromacy



**Original Color**  
A343AD



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
805D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A343AD 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 #A343AD looks like.

```
.text, #text, p{  
    color:#A343AD  
}
```

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 #A343AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A343AD
}
```

## Border

The CSS property to change the border of an element to Hex A343AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

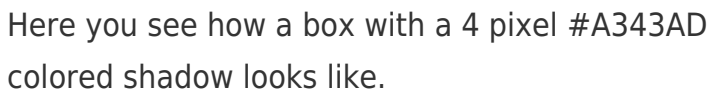
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A343AD }
```

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

```
.border{ border-color:#A343AD }
```

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



Here you see how a box with a 4 pixel #A343AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A343AD; -webkit-box-shadow:4px 4px  
4px 4px #A343AD; box-shadow:4px 4px 4px  
4px #A343AD }
```

# Background

The CSS property to change the background color of an element to Hex A343AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A343AD }
```

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

```
.background{ background-color:#A343AD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor