

# Converting Colors

Hex(A349B6)

Have a look what the booklet for  
Hex(A349B6) contains.

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# Color

**Hex(A349B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A349B6
RGB	163, 73, 182
RGB Percent	64%, 29%, 71%
CMY	0.3608, 0.7137, 0.2863
CMYK	0.10, 0.60, 0.00, 0.29
HSL	290°, 43%, 50%
HSV	290°, 60%, 71%
XYZ	25.9303, 15.9290, 45.9639
YIQ	112.3360, 18.6510, 52.9790

# Conversions

## Conversions Part 2

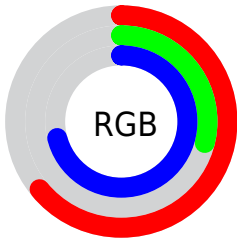
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 73, 182
Decimal	10701238
CIE Lab	46.88, 53.24, -41.62
CIE LCh	47, 67.579, 321.989
Yxy	15.9290, 0.2953, 0.1814
Android (android.graphics.Color)	4288891318 (0xFFA349B6)
YUV	112.3360, 34.3444, 44.4323
Hunter-Lab	39.9112, 46.1269, -40.3438

# Details

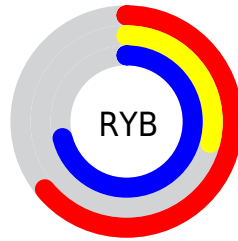
The Hex color **A349B6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5CB649**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DC7EEE**, and **6C0D80** is the 20% darker color. If you saturate the color by 10%, you get **A037B6**, and if you desaturate by 10%, it is **A65BB6**.

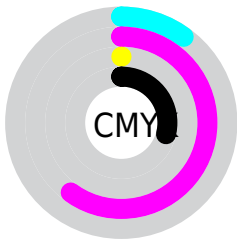
# Distribution



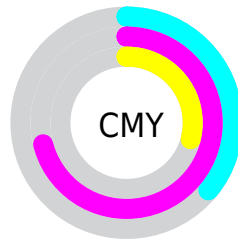
- Red (64%)
- Green (29%)
- Blue (71%)



- Red (64%)
- Yellow (29%)
- Blue (71%)



- Cyan (10%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (71%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A349B6 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 A349B6 by changing the saturation by 10% instead.



 A349B6

 A349B6

FFFFFF

 872E9B

 DC7EEE

 6C0D80

 FA9AFF

 510067

 FFB6FF

 37004E

 FFD2FF

 1F0037

 FFEFFF

 000220

 000004

 000000

 A349B6

 A349B6

 A037B6

 A65BB6

 9D25B6

 A96DB6

 9912B6

 AD80B6

 9600B6

 B092B6

 B3A4B6

 B6B6B6

 B9C8B6

 BCDBB6

 C0EDB6

# Harmonies

## Analogous

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



4367DA



A349B6



CB2B81

# Triad

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



A349B6



936700



008898

# Complementary

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



A349B6



5CB649

# 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.



00875D



A349B6



5F7900

# Square

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



A349B6



BB4D0F



008220



0085C8

# Rectangle

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



A349B6



D2285B



008220



008885



# Sweetspot

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



A349B6



E6C2ED



495DB6



735D78



F7F7F7



787878



# Same Dimension

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



A349B6



CF42ED



B64993



5A535C



80009C



17001C



# Inverse Universe

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



B6495C



ED4260



49B66C



5C5354



9C001B



1C0005



# Previews

## White Background



This preview shows how the Hex color A349B6 looks on a white background.

## Color Contrast Check

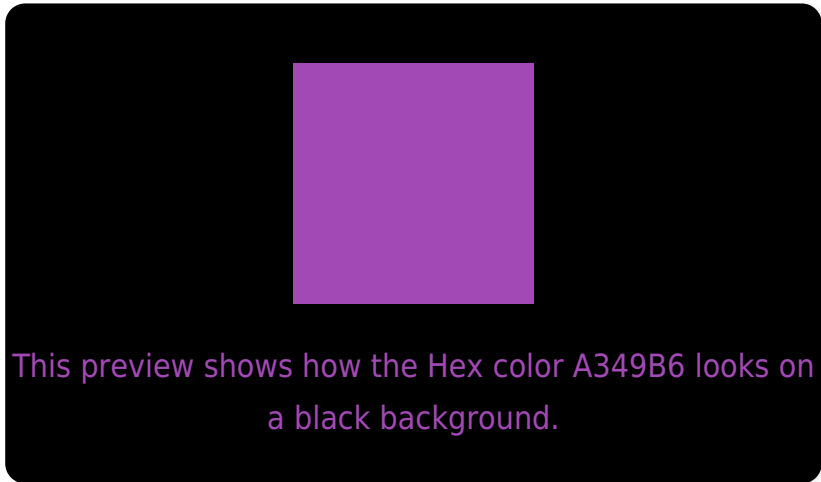
Large Text (above 18pt) WCAG AA ✓ Pass

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

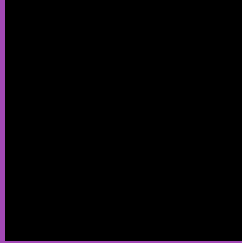
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A349B6 Background



This preview shows how black text looks on a background with the Hex color A349B6.

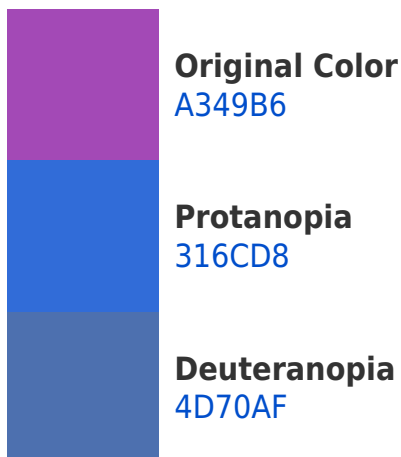


This preview shows how white text looks on a background with the Hex color A349B6.

# 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**  
985F66

# Trichromacy



**Original Color**  
A349B6



**Protanomaly**  
5A5FCC



**Deuteranomaly**  
6C62B2



**Tritanomaly**  
9C5783

# Monochromacy



**Original Color**  
A349B6



**Achromatopsia**  
707070



**Achromatomaly**  
836289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A349B6 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 #A349B6 looks like.

```
.text, #text, p{  
    color:#A349B6  
}
```

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 #A349B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A349B6
}
```

## Border

The CSS property to change the border of an element to Hex A349B6 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".

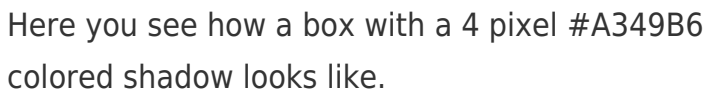
```
.border, #border, table{ border:4px solid
#A349B6 }
```

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

```
.border{ border-color:#A349B6 }
```

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

Here you see how a box with a 4 pixel #A349B6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A349B6; -webkit-box-shadow:4px 4px  
4px 4px #A349B6; box-shadow:4px 4px 4px  
4px #A349B6 }
```

# Background

The CSS property to change the background color of an element to Hex A349B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A349B6 }
```

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

```
.background{ background-color:#A349B6 }
```

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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