

# Converting Colors

Hex(A8419A)

Have a look what the booklet for  
Hex(A8419A) contains.

<b>Hex(A8419A)</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(A8419A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8419A
RGB	168, 65, 154
RGB Percent	66%, 25%, 60%
CMY	0.3412, 0.7451, 0.3961
CMYK	0.00, 0.61, 0.08, 0.34
HSL	308°, 44%, 46%
HSV	308°, 61%, 66%
XYZ	23.8715, 14.4385, 32.1006
YIQ	105.9430, 32.8190, 49.5150

# Conversions

## Conversions Part 2

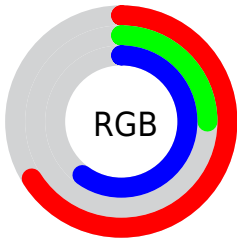
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 65, 154
Decimal	11026842
CIE <sub>Lab</sub>	44.86, 53.16, -28.19
CIE <sub>LCh</sub>	45, 60.168, 332.064
Yxy	14.4385, 0.3390, 0.2051
Android (android.graphics.Color)	4289216922 (0xFFA8419A)
YUV	105.9430, 23.6921, 54.4240
Hunter-Lab	37.9981, 45.6423, -23.4893

# Details

The Hex color **A8419A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **41A84F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E277D1**, and **710066** is the 20% darker color. If you saturate the color by 10%, you get **A83098**, and if you desaturate by 10%, it is **A8529C**.

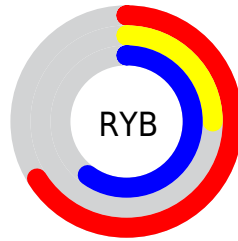
# Distribution



Red (66%)

Green (25%)

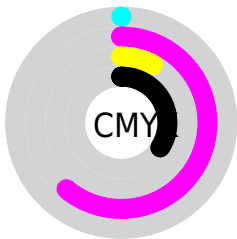
Blue (60%)



Red (66%)

Yellow (25%)

Blue (60%)

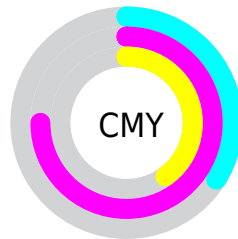


Cyan (0%)

Magenta (61%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (75%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8419A 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 A8419A by changing the saturation by 10% instead.



 A8419A

 A8419A

FFFFFF

 8C2480

 E277D1

 710066

 FF92ED

 56004E

 FFAEFF

 3D0037

 FFCAFF

 240021

 FFE7FF

 000005

 000000

 A8419A

 A8419A

 A83098

 A8529C

 A81F95

 A8639F

 A80F93

 A873A1

 A80091

 A884A3

 A895A5

 A8A6A8

 A8B7AA

 A8C7AC

 A8D8AF

# Harmonies

## Analogous

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



6C5BC0



A8419A



C13069

# Triad

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



A8419A



7D6900



00809E

# Complementary

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



A8419A



41A84F

# 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.



00806C



A8419A



4A7600

# Square

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



A8419A



A45503



007D38



007BC3

# Rectangle

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



A8419A



C13648



007D38



00808F



# Sweetspot

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



A8419A



DBB4D6



4F41A8



6E566A



EDEDED



6E6E6E



# Same Dimension

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



A8419A



DB39C5



A84167



544C53



940080



140012



# Inverse Universe

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



A8419A



DB39C5



41A882



544C53



940080



140012



# Previews

## White Background



This preview shows how the Hex color A8419A looks on a white background.

## Color Contrast Check

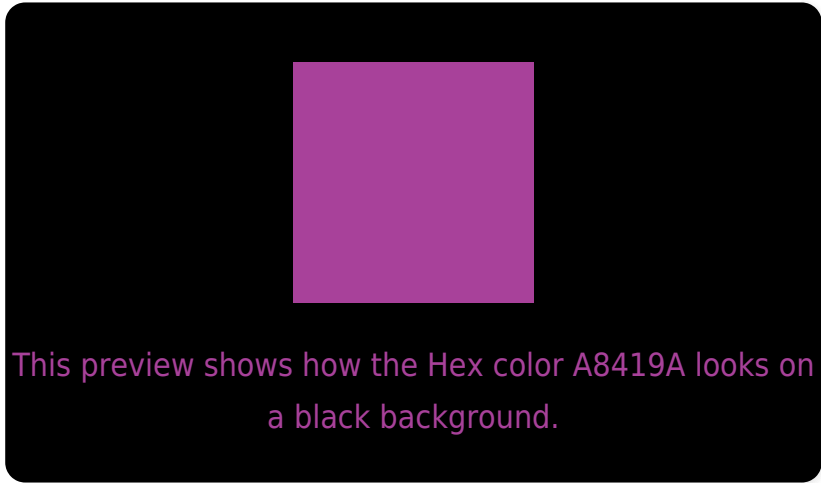
Large Text (above 18pt) WCAG AA ✓ Pass

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

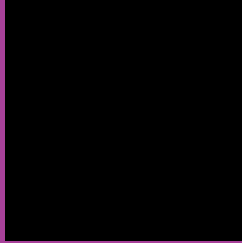
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A8419A Background



This preview shows how black text looks on a background with the Hex color A8419A.

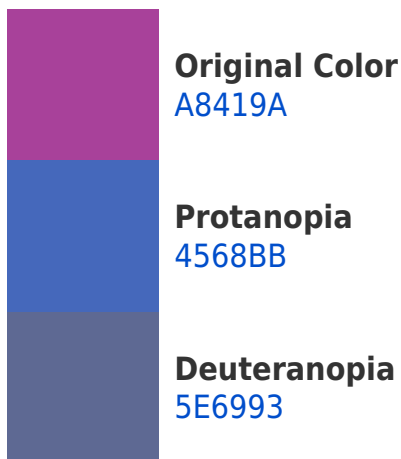


This preview shows how white text looks on a background with the Hex color A8419A.

# 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](#).

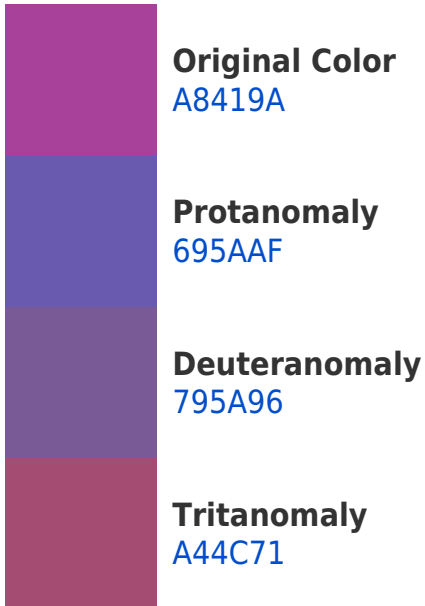
## Dichromacy



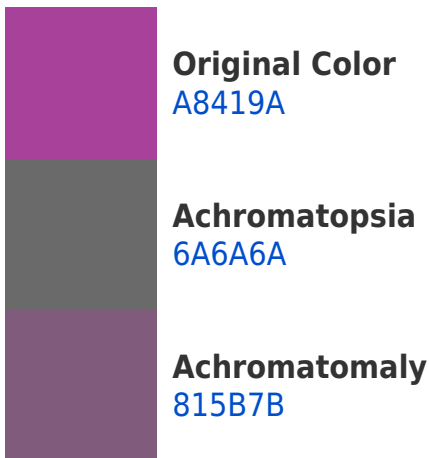


**Tritanopia**  
A15359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8419A 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 #A8419A looks like.

```
.text, #text, p{  
    color:#A8419A  
}
```

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 #A8419A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8419A
}
```

## Border

The CSS property to change the border of an element to Hex A8419A 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
#A8419A }
```

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

```
.border{ border-color:#A8419A }
```

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

Here you see how a box with a 4 pixel #A8419A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8419A; -webkit-box-shadow:4px 4px  
4px 4px #A8419A; box-shadow:4px 4px 4px  
4px #A8419A }
```

# Background

The CSS property to change the background color of an element to Hex A8419A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8419A }
```

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

```
.background{ background-color:#A8419A }
```

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