

# Converting Colors

Hex(A3829B)

Have a look what the booklet for  
Hex(A3829B) contains.

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# **Color**

**Hex(A3829B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3829B
RGB	163, 130, 155
RGB Percent	64%, 51%, 61%
CMY	0.3608, 0.4902, 0.3922
CMYK	0.00, 0.20, 0.05, 0.36
HSL	315°, 15%, 57%
HSV	315°, 20%, 64%
XYZ	29.0033, 26.1184, 34.5231
YIQ	142.7170, 11.6430, 14.7710

# Conversions

## Conversions Part 2

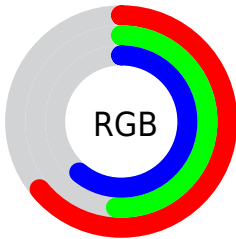
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 130, 155
Decimal	10715803
CIE <sub>Lab</sub>	58.15, 17.01, -8.54
CIE <sub>LCh</sub>	58, 19.032, 333.355
Yxy	26.1184, 0.3235, 0.2914
Android (android.graphics.Color)	4288905883 (0xFFA3829B)
YUV	142.7170, 6.0555, 17.7882
Hunter-Lab	51.1061, 11.8650, -4.2771




# Details

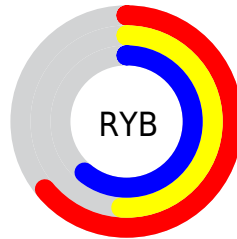
The Hex color **A3829B** is a light color, and the websafe version is hex **996699**. A complement of this color would be **82A38A**, and the grayscale version is **8F8F8F**.




A 20% lighter version of the original color is **DAB7D1**, and **6F5068** is the 20% darker color. If you saturate the color by 10%, you get **A37297**, and if you desaturate by 10%, it is **A3929F**.

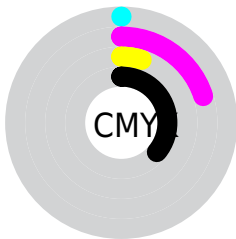
# Distribution







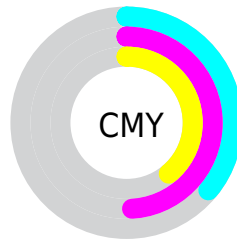
-  Red (64%)
-  Green (51%)
-  Blue (61%)






-  Red (64%)
-  Yellow (51%)
-  Blue (61%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (5%)
-  Black (36%)



-  Cyan (36%)
-  Magenta (49%)
-  Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3829B 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 A3829B by changing the saturation by 10% instead.



 A3829B

 A3829B

FFFFFF

 896981

 DAB7D1

 6F5068

 F7D3EE

 563950

 FFEFFF

 3F2339

 280E23

 10000D

 000000

 A3829B

 A3829B

 A37297

 A3929F

 A36193

 A3A3A3

 A3518F

 A3B3A7

 A3418B

 A3C3AB

 A33187

 A3D3AF

 A32083

 A3E4B3

 A3107F

 A3F4B7

 A3007B

 A3FFBB

 A3FFBF

# Harmonies

## Analogous

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



9187A8



A3829B



AD808A

# Triad

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



A3829B



968B6B



5D959D

# Complementary

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



A3829B



82A38A

# 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.



62958D



A3829B



849070

# Square

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



A3829B



A5866F



71947C



6692A9

# Rectangle

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



A3829B



AE807F



71947C



5D9598



# Sweetspot

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



A3829B



D4C7D1



8A82A3



6B6469



EBEBEB



6B6B6B



# Same Dimension

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



A3829B



D4A1C7



A3828B



524950



91006E



12000E



# Inverse Universe

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



A3829B



D4A1C7



82A39A



524950



91006E

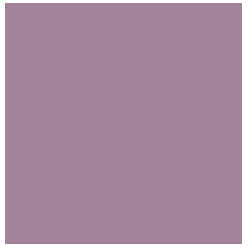


12000E



# Previews

## White Background



This preview shows how the Hex color A3829B looks on a white background.

## Color Contrast Check

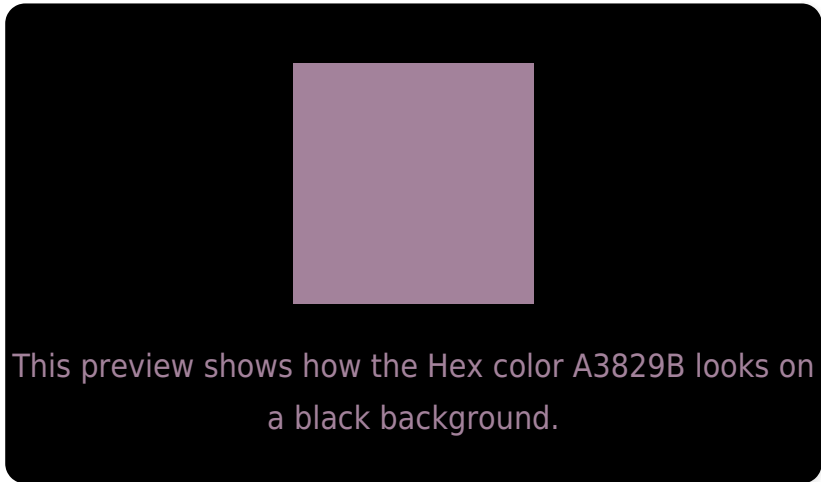
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

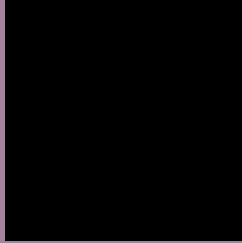
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A3829B Background



This preview shows how black text looks on a background with the Hex color A3829B.



This preview shows how white text looks on a background with the Hex color A3829B.

# 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



**Original Color**  
A3829B

**Protanopia**  
888BA1

**Deuteranopia**  
93889A



**Tritanopia**  
A1848E

# Trichromacy



**Original Color**  
A3829B

**Protanomaly**  
92889F

**Deuteranomaly**  
99869A

**Tritanomaly**  
A28393

# Monochromacy



**Original Color**  
A3829B

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
968A93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3829B 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 #A3829B looks like.

```
.text, #text, p{  
    color:#A3829B  
}
```

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 #A3829B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3829B
}
```

## Border

The CSS property to change the border of an element to Hex A3829B is called "border". The border property can be set on classes, ids or directly on the HTML element.

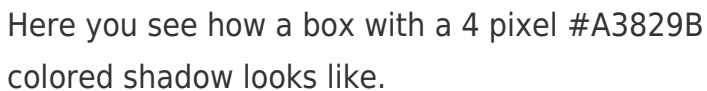
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3829B }
```

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

```
.border{ border-color:#A3829B }
```

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



Here you see how a box with a 4 pixel #A3829B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3829B; -webkit-box-shadow:4px 4px  
4px 4px #A3829B; box-shadow:4px 4px 4px  
4px #A3829B }
```

# Background

The CSS property to change the background color of an element to Hex A3829B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3829B }
```

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

```
.background{ background-color:#A3829B }
```

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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