

# Converting Colors

Hex(A5819B)

Have a look what the booklet for  
Hex(A5819B) contains.

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# **Color**

**Hex(A5819B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5819B
RGB	165, 129, 155
RGB Percent	65%, 51%, 61%
CMY	0.3529, 0.4941, 0.3922
CMYK	0.00, 0.22, 0.06, 0.35
HSL	317°, 17%, 58%
HSV	317°, 22%, 65%
XYZ	29.2837, 26.0664, 34.4982
YIQ	142.7280, 13.1100, 15.7180

# Conversions

## Conversions Part 2

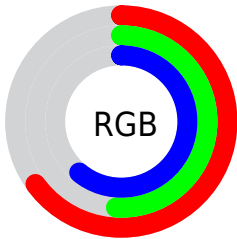
Format	Color
<a href="#">RYB</a>	<a href="#">165, 129, 155</a>
Decimal	<a href="#">10846619</a>
CIELab	<a href="#">58.10, 18.30, -8.59</a>
CIELCh	<a href="#">58, 20.219, 334.867</a>
Yxy	<a href="#">26.0664, 0.3259, 0.2901</a>
Android (android.graphics.Color)	<a href="#">4289036699 (0xFFA5819B)</a>
YUV	<a href="#">142.7280, 6.0501, 19.5325</a>
Hunter-Lab	<a href="#">51.0553, 13.0353, -4.3238</a>

# Details

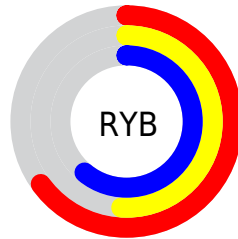
The Hex color **A5819B** is a light color, and the websafe version is hex **996699**. A complement of this color would be **81A58B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DCB6D1**, and **714F68** is the 20% darker color. If you saturate the color by 10%, you get **A57096**, and if you desaturate by 10%, it is **A591A0**.

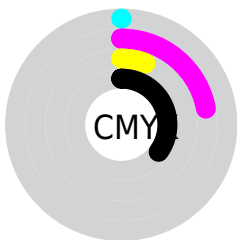
# Distribution



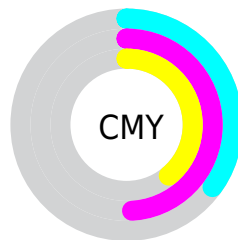
- Red (65%)
- Green (51%)
- Blue (61%)



- Red (65%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5819B 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 A5819B by changing the saturation by 10% instead.



 A5819B

 A5819B

FFFFFF

 8A6881

 DCB6D1

 714F68

 F9D2EE

 583850

 FFEEFF

 402239

 290D23

 12000D

 000000

 A5819B

 A5819B

 A57096

 A591A0

 A56092

 A5A2A4

 A54F8D

 A5B2A9

 A53F89

 A5C3AD

 A52E84

 A5D3B2

 A51E80

 A5E4B6

 A50D7B

 A5F4BB

 A50077

 A5FFC0

 A5FFC4

# Harmonies

## Analogous

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



9286A9



A5819B



AF7F89

# Triad

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



A5819B



968B68



59959F

# Complementary

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



A5819B



81A58B

# 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.



5E968E



A5819B



82916E

# Square

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



A5819B



A6856C



6E947C



6492AB

# Rectangle

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



A5819B



B0807E



6E947C



59959A



# Sweetspot

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



A5819B



D6C7D2



8B81A5



6B6369



EBEBEB



6B6B6B



# Same Dimension

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



A5819B



D69FC7



A58189



52494F



910069



12000D



# Inverse Universe

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



A5819B



D69FC7



81A59D



52494F



910069

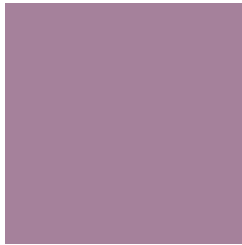


12000D



# Previews

## White Background



This preview shows how the Hex color A5819B looks on a white background.

## Color Contrast Check

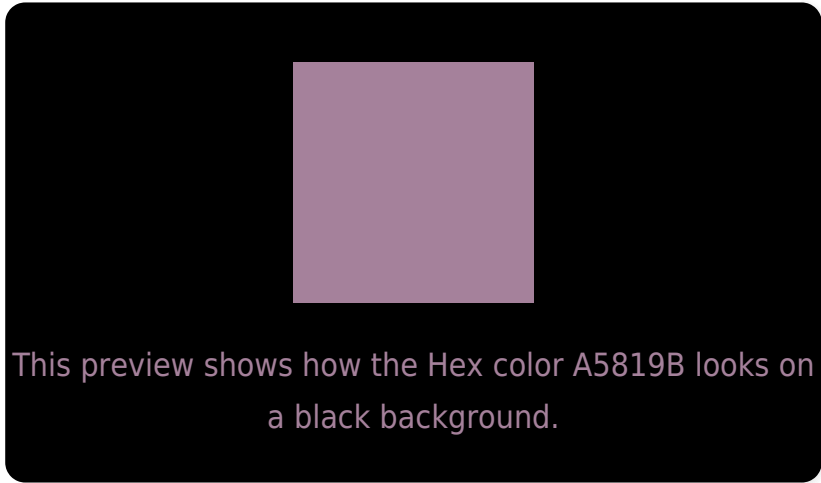
Large Text (above 18pt) WCAG AA ✓ Pass

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

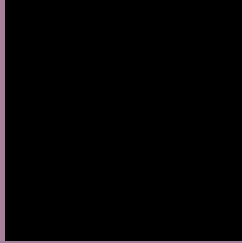
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A5819B Background



This preview shows how black text looks on a background with the Hex color A5819B.

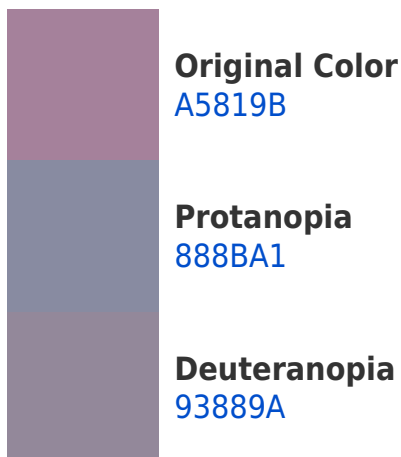


This preview shows how white text looks on a background with the Hex color A5819B.

# 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**  
A3838E

# Trichromacy



**Original Color**  
A5819B

**Protanomaly**  
93879F

**Deuteranomaly**  
9A859A

**Tritanomaly**  
A48293

# Monochromacy



**Original Color**  
A5819B

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
978A93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5819B 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 #A5819B looks like.

```
.text, #text, p{  
    color:#A5819B  
}
```

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 #A5819B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5819B
}
```

## Border

The CSS property to change the border of an element to Hex A5819B is called "border". The border property can be set on classes, ids or directly on the HTML element.

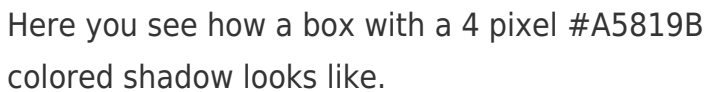
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5819B }
```

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

```
.border{ border-color:#A5819B }
```

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



Here you see how a box with a 4 pixel #A5819B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5819B; -webkit-box-shadow:4px 4px  
4px 4px #A5819B; box-shadow:4px 4px 4px  
4px #A5819B }
```

# Background

The CSS property to change the background color of an element to Hex A5819B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5819B }
```

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

```
.background{ background-color:#A5819B }
```

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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