

# Converting Colors

Hex(A819C1)

Have a look what the booklet for  
Hex(A819C1) contains.

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**Color**

**Hex(A819C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A819C1
RGB	168, 25, 193
RGB Percent	66%, 10%, 76%
CMY	0.3412, 0.9020, 0.2431
CMYK	0.13, 0.87, 0.00, 0.24
HSL	291°, 77%, 43%
HSV	291°, 87%, 76%
XYZ	26.1217, 12.8703, 51.5595
YIQ	86.9090, 31.3000, 82.5640

# Conversions

## Conversions Part 2

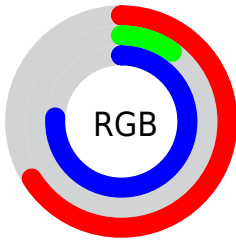
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 25, 193
Decimal	11016641
CIE <sub>Lab</sub>	42.57, 72.64, -54.91
CIE <sub>LCh</sub>	43, 91.055, 322.912
Yxy	12.8703, 0.2885, 0.1421
Android (android.graphics.Color)	4289206721 (0xFFA819C1)
YUV	86.9090, 52.3029, 71.1168
Hunter-Lab	35.8753, 67.1888, -60.0982

# Details

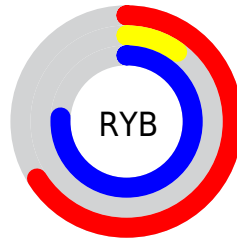
The Hex color **A819C1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **32C119**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E35DFA**, and **6F008A** is the 20% darker color. If you saturate the color by 10%, you get **A506C1**, and if you desaturate by 10%, it is **AB2CC1**.

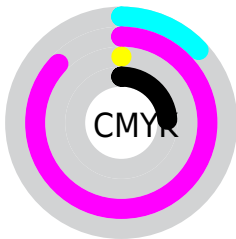
# Distribution



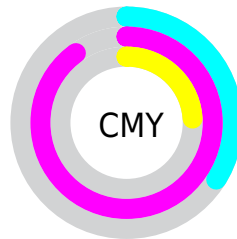
- Red (66%)
- Green (10%)
- Blue (76%)



- Red (66%)
- Yellow (10%)
- Blue (76%)



- Cyan (13%)
- Magenta (87%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (90%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A819C1 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 A819C1 by changing the saturation by 10% instead.



 A819C1

 A819C1

FFFFFF

 8B00A5

 E35DFA

 6F008A

 FF7AFF

 520070

 FF97FF

 370057

 FFB4FF

 19003F

 FFD1FF

 000327

 FFEFFF

 000111

 000000

 A819C1

 A819C1

 A506C1

 AB2CC1

 A400C1

 AE40C1

 B153C1

 B366C1

 B67AC1

 B98DC1

 BCA0C1

 BFB3C1

 C2C7C1

# Harmonies

## Analogous

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



005AF3



A819C1



DA007A

# Triad

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



A819C1



8A5C00



00819E

# Complementary

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



A819C1



32C119

# 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.



008050



A819C1



427100

# Square

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



A819C1



BE2E00



007B00



0080DE

# Rectangle

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



A819C1



E00049



007B00



008184



# Sweetspot

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



A819C1



F0B9FA



1932C1



77567D



FCFCFC



7D7D7D



# Same Dimension

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



A819C1



D500FA



C11986



5F5761



8900A1



1C0021



# Inverse Universe

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



C11932



FA0025



19C154



615759



A10018



210005



# Previews

## White Background



This preview shows how the Hex color A819C1 looks on a white background.

## Color Contrast Check

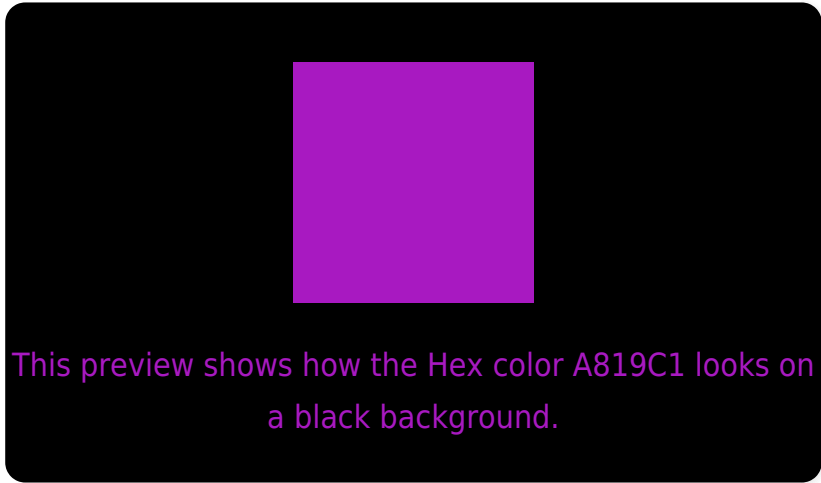
Large Text (above 18pt) WCAG AA ✓ Pass

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

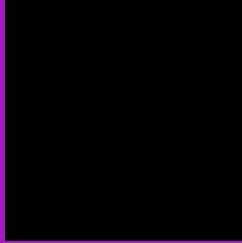
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A819C1 Background



This preview shows how black text looks on a background with the Hex color A819C1.



This preview shows how white text looks on a background with the Hex color A819C1.

# 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**  
A819C1

**Protanopia**  
0062CF

**Deuteranopia**  
1567B6



**Tritanopia**  
9A4E54

# Trichromacy



**Original Color**  
A819C1



**Protanomaly**  
3D47CA



**Deuteranomaly**  
4A4BBA



**Tritanomaly**  
9F3B7C

# Monochromacy



**Original Color**  
A819C1



**Achromatopsia**  
575757



**Achromatomaly**  
74407E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A819C1 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 #A819C1 looks like.

```
.text, #text, p{  
    color:#A819C1  
}
```

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 #A819C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A819C1
}
```

## Border

The CSS property to change the border of an element to Hex A819C1 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
#A819C1 }
```

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

```
.border{ border-color:#A819C1 }
```

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

Here you see how a box with a 4 pixel #A819C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A819C1; -webkit-box-shadow:4px 4px  
4px 4px #A819C1; box-shadow:4px 4px 4px  
4px #A819C1 }
```

# Background

The CSS property to change the background color of an element to Hex A819C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A819C1 }
```

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

```
.background{ background-color:#A819C1 }
```

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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