

# Converting Colors

Hex(A818BB)

Have a look what the booklet for  
Hex(A818BB) contains.

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**Color**

**Hex(A818BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A818BB
RGB	168, 24, 187
RGB Percent	66%, 9%, 73%
CMY	0.3412, 0.9059, 0.2667
CMYK	0.10, 0.87, 0.00, 0.27
HSL	293°, 77%, 41%
HSV	293°, 87%, 73%
XYZ	25.4447, 12.5660, 48.0981
YIQ	85.6380, 33.5010, 81.2210

# Conversions

## Conversions Part 2

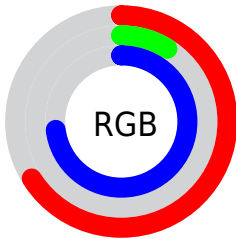
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 24, 187
Decimal	11016379
CIE <sub>Lab</sub>	42.10, 71.81, -52.14
CIE <sub>LCh</sub>	42, 88.743, 324.015
Yxy	12.5660, 0.2955, 0.1459
Android (android.graphics.Color)	4289206459 (0xFFA818BB)
YUV	85.6380, 49.9715, 72.2315
Hunter-Lab	35.4485, 66.0914, -55.6334

# Details

The Hex color **A818BB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **2BBB18**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E35CF4**, and **6F0085** is the 20% darker color. If you saturate the color by 10%, you get **A605BB**, and if you desaturate by 10%, it is **AA2BBB**.

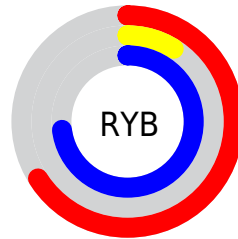
# Distribution



Red (66%)

Green (9%)

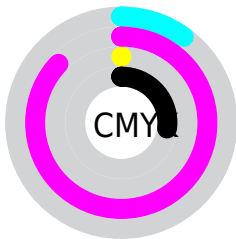
Blue (73%)



Red (66%)

Yellow (9%)

Blue (73%)

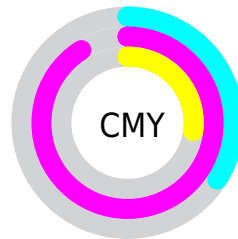


Cyan (10%)

Magenta (87%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (91%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A818BB 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 A818BB by changing the saturation by 10% instead.



 A818BB

 A818BB

FFFFFF

 8B00A0

 E35CF4

 6F0085

 FF79FF

 53006B

 FF96FF

 380052

 FFB3FF

 1A003A

 FFD0FF

 000223

 FFEEFF

 00000A

 000000

 A818BB

 A818BB

 A605BB

 AA2BBB

 A500BB

 AC3DBB

 AF50BB

 B163BB

 B375BB

 B588BB

 B79BBB

 B9AE BB

 BCC0BB

# Harmonies

## Analogous

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



0057EC



A818BB



D60075

# Triad

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



A818BB



865C00



00809E

# Complementary

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



A818BB



2BBB18

# 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.



007E52



A818BB



3F7000

# Square

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



A818BB



BA3200



007A00



007EDB

# Rectangle

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



A818BB



DC0046



007A00



007F85



# Sweetspot

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



A818BB



EBB3F2



182BBB



76547A



FAFAFA



7A7A7A



# Same Dimension

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



A818BB



D600F2



BB187D



5D555E



8C009E



1B001F



# Inverse Universe

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



BB182B



F2001C



18BB56



5E5556



9E0012

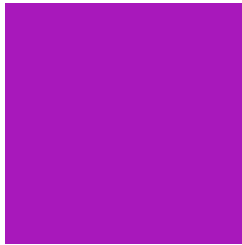


1F0004



# Previews

## White Background



This preview shows how the Hex color A818BB looks on a white background.

## Color Contrast Check

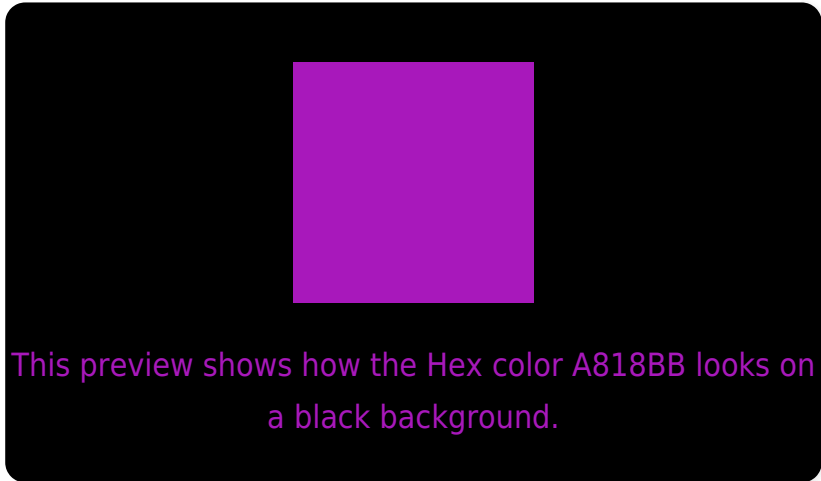
Large Text (above 18pt) WCAG AA ✓ Pass

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

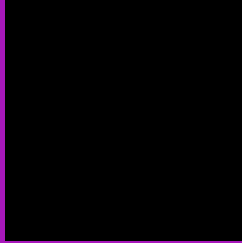
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A818BB Background



This preview shows how black text looks on a background with the Hex color A818BB.

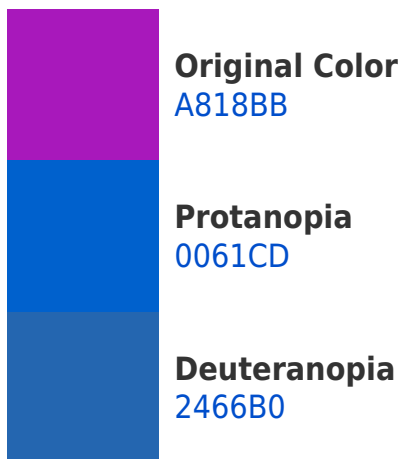


This preview shows how white text looks on a background with the Hex color A818BB.

# 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**  
9B4C51

# Trichromacy



**Original Color**  
A818BB



**Protanomaly**  
3D46C6



**Deuteranomaly**  
544AB4



**Tritanomaly**  
A03978

# Monochromacy



**Original Color**  
A818BB



**Achromatopsia**  
565656



**Achromatomaly**  
743F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A818BB 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 #A818BB looks like.

```
.text, #text, p{  
    color:#A818BB  
}
```

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 #A818BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A818BB
}
```

## Border

The CSS property to change the border of an element to Hex A818BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

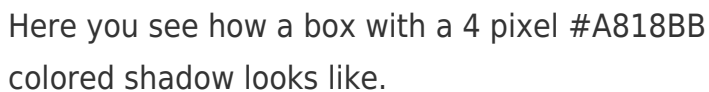
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A818BB }
```

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

```
.border{ border-color:#A818BB }
```

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



Here you see how a box with a 4 pixel #A818BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A818BB; -webkit-box-shadow:4px 4px  
4px 4px #A818BB; box-shadow:4px 4px 4px  
4px #A818BB }
```

# Background

The CSS property to change the background color of an element to Hex A818BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A818BB }
```

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

```
.background{ background-color:#A818BB }
```

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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