

# Converting Colors

Hex(A18CAA)

Have a look what the booklet for  
Hex(A18CAA) contains.

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# **Color**

**Hex(A18CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A18CAA
RGB	161, 140, 170
RGB Percent	63%, 55%, 67%
CMY	0.3686, 0.4510, 0.3333
CMYK	0.05, 0.18, 0.00, 0.33
HSL	282°, 15%, 61%
HSV	282°, 18%, 67%
XYZ	31.3317, 29.2355, 42.0219
YIQ	149.6990, 2.8860, 13.7820

# Conversions

## Conversions Part 2

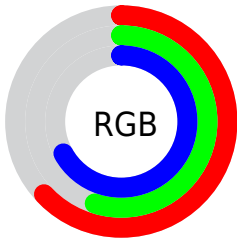
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 140, 170
Decimal	10587306
CIE <sub>Lab</sub>	60.99, 13.55, -12.87
CIE <sub>LCh</sub>	61, 18.689, 316.462
Yxy	29.2355, 0.3054, 0.2850
Android (android.graphics.Color)	4288777386 (0xFFA18CAA)
YUV	149.6990, 10.0084, 9.9110
Hunter-Lab	54.0699, 8.8126, -8.2299

# Details

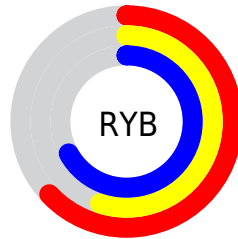
The Hex color **A18CAA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **95AA8C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D8C2E1**, and **6D5A76** is the 20% darker color. If you saturate the color by 10%, you get **9C7BAA**, and if you desaturate by 10%, it is **A69DAA**.

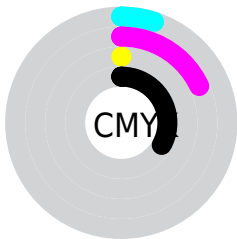
# Distribution



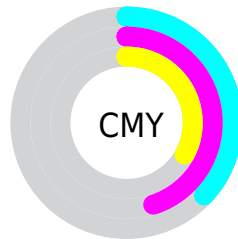
- Red (63%)
- Green (55%)
- Blue (67%)



- Red (63%)
- Yellow (55%)
- Blue (67%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (45%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A18CAA 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 A18CAA by changing the saturation by 10% instead.



 A18CAA

 A18CAA

FFFFFF

 87728F

 D8C2E1

 6D5A76

 F4DEFE

 55425D

 FFFAFF

 3D2C45

 27172F

 15001B

 000000

 A18CAA

 A18CAA

 9C7BAA

 A69DAA

976AAA

ABAEAA

9259AA

B0BFAA

8D48AA

B5D0AA

8837AA

BAE1AA

8226AA

C0F2AA

7D15AA

C5FFAA

7804AA

CAFFAA

7700AA

CFFFAA

# Harmonies

## Analogous

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



8C92B3



A18CAA



B0889B

# Triad

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



A18CAA



A79073



679D9C

# Complementary

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



A18CAA



95AA8C

# 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.



729C8B



A18CAA



969573

# Square

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



A18CAA



B28B7C



83997C



689BAA

# Rectangle

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



A18CAA



B58790



83997C



699D96



# Sweetspot

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



A18CAA



DBD3DE



8C95AA



6E6970



F0F0F0



707070



# Same Dimension

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



A18CAA



D0AFDE



AA8CA4



524C54



680094



0E0014



# Inverse Universe

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



AA8C95



DEAFBD



8CAA92



544C4E



94002C

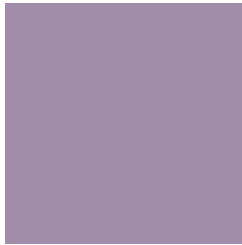


140006



# Previews

## White Background



This preview shows how the Hex color A18CAA looks on a white background.

## Color Contrast Check

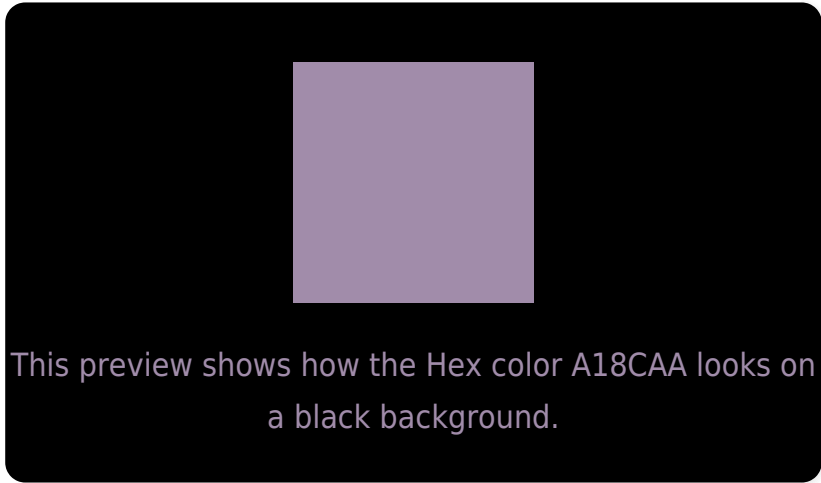
Large Text (above 18pt) WCAG AA ✓ Pass

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

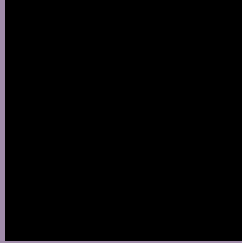
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A18CAA Background



This preview shows how black text looks on a background with the Hex color A18CAA.



This preview shows how white text looks on a background with the Hex color A18CAA.

# 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**  
A18CAA

**Protanopia**  
8E92AE

**Deuteranopia**  
9790A9



**Tritanopia**  
9F8F9A

# Trichromacy



**Original Color**  
A18CAA

**Protanomaly**  
9590AD

**Deuteranomaly**  
9B8FA9

**Tritanomaly**  
A08EAO

# Monochromacy



**Original Color**  
A18CAA

**Achromatopsia**  
969696

**Achromatomaly**  
9A929D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A18CAA 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 #A18CAA looks like.

```
.text, #text, p{  
    color:#A18CAA  
}
```

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 #A18CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A18CAA
}
```

## Border

The CSS property to change the border of an element to Hex A18CAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

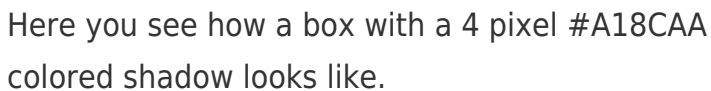
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A18CAA }
```

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

```
.border{ border-color:#A18CAA }
```

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



Here you see how a box with a 4 pixel #A18CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A18CAA; -webkit-box-shadow:4px 4px  
4px 4px #A18CAA; box-shadow:4px 4px 4px  
4px #A18CAA }
```

# Background

The CSS property to change the background color of an element to Hex A18CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A18CAA }
```

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

```
.background{ background-color:#A18CAA }
```

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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