

# Converting Colors

Hex(A9A7D2)

Have a look what the booklet for  
Hex(A9A7D2) contains.

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# Color

**Hex(A9A7D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9A7D2
RGB	169, 167, 210
RGB Percent	66%, 65%, 82%
CMY	0.3373, 0.3451, 0.1765
CMYK	0.20, 0.20, 0.00, 0.18
HSL	243°, 32%, 74%
HSV	243°, 20%, 82%
XYZ	41.8138, 40.7256, 66.6298
YIQ	172.5000, -12.6110, 13.7970

# Conversions

## Conversions Part 2

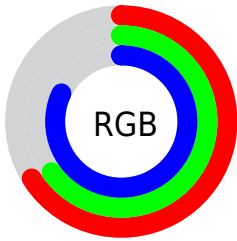
Format	Color
<a href="#">RYB</a>	<a href="#">169, 167, 210</a>
Decimal	<a href="#">11118546</a>
CIELab	<a href="#">69.98, 9.66, -21.55</a>
CIElCh	<a href="#">70, 23.616, 294.137</a>
Yxy	<a href="#">40.7256, 0.2803, 0.2730</a>
Android (android.graphics.Color)	<a href="#">4289308626 (0xFFA9A7D2)</a>
YUV	<a href="#">172.5000, 18.4875, -3.0695</a>
Hunter-Lab	<a href="#">63.8166, 5.2773, -17.2320</a>

# Details

The Hex color **A9A7D2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0D2A7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E1DEFF**, and **74739B** is the 20% darker color. If you saturate the color by 10%, you get **9592D2**, and if you desaturate by 10%, it is **BDBCD2**.

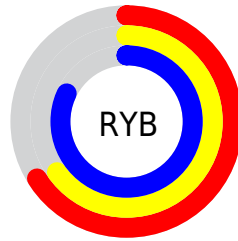
# Distribution



Red (66%)

Green (65%)

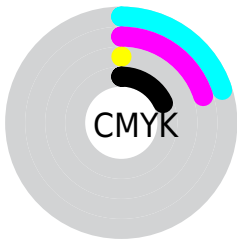
Blue (82%)



Red (66%)

Yellow (65%)

Blue (82%)

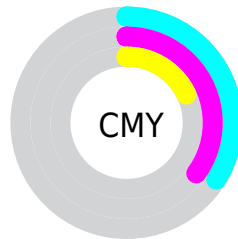


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (35%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9A7D2 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 A9A7D2 by changing the saturation by 10% instead.



 A9A7D2

 A9A7D2

FFFFFF

 8E8DB6

 E1DEFF

 74739B

 FDFBFF

 5B5B81

 434368

 2C2D50

 151939

 000023

 00000A

 000000

 A9A7D2

 A9A7D2

 9592D2

 BDBCD2

 817DD2

 D1D1D2

 6D68D2

 E5E6D2

 5953D2

 F9FBD2

 453ED2

 FFFFD2

 3129D2

 1D14D2

 0A00D2

# Harmonies

## Analogous

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



8CAED5



A9A7D2



C3A0C4

# Triad

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



A9A7D2



D0A189



7AB7A6

# Complementary

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



A9A7D2



D0D2A7

# 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.



90B491



A9A7D2



BFA881

# Square

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



A9A7D2



D79C9A



A9AF84



6EB7BC

# Rectangle

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



A9A7D2



CF9DB7



A9AF84



81B69F



# Sweetspot

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



A9A7D2



F0F0FF



A7D1D2



777780



000000



808080



# Same Dimension

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



A9A7D2



C2BFFF



BEA7D2



5F5E69



0800A8



020029



# Inverse Universe

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



D2A7D0



FFBFFC



BBD2A7



695E68



A800A0

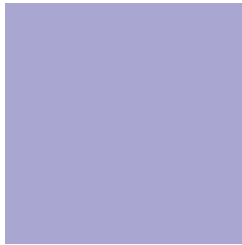


290027



# Previews

## White Background



This preview shows how the Hex color A9A7D2 looks on a white background.

## Color Contrast Check

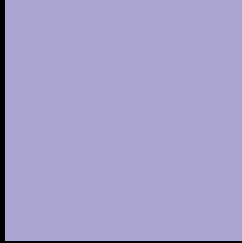
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A9A7D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

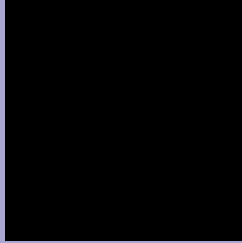
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9A7D2 Background



This preview shows how black text looks on a background with the Hex color A9A7D2.



This preview shows how white text looks on a background with the Hex color A9A7D2.

# 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**  
A9A7D2

**Protanopia**  
A1A9D4

**Deuteranopia**  
A8A7D2



**Tritanopia**  
A4ABB9

# Trichromacy



**Original Color**  
A9A7D2

**Protanomaly**  
A4A8D3

**Deuteranomaly**  
A8A7D2

**Tritanomaly**  
A6AAC2

# Monochromacy



**Original Color**  
A9A7D2

**Achromatopsia**  
ADADAD

**Achromatomaly**  
ACABBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9A7D2 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 #A9A7D2 looks like.

```
.text, #text, p{  
    color:#A9A7D2  
}
```

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 #A9A7D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9A7D2
}
```

## Border

The CSS property to change the border of an element to Hex A9A7D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

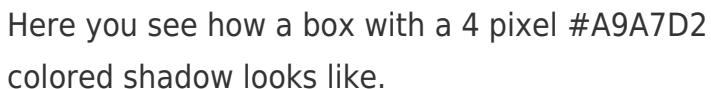
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A9A7D2 }
```

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

```
.border{ border-color:#A9A7D2 }
```

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



Here you see how a box with a 4 pixel `#A9A7D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9A7D2; -webkit-box-shadow:4px 4px  
4px 4px #A9A7D2; box-shadow:4px 4px 4px  
4px #A9A7D2 }
```

# Background

The CSS property to change the background color of an element to Hex A9A7D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9A7D2 }
```

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

```
.background{ background-color:#A9A7D2 }
```

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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