

# Converting Colors

Hex(9A8CD0)

Have a look what the booklet for  
Hex(9A8CD0) contains.

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# **Color**

**Hex(9A8CD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A8CD0
RGB	154, 140, 208
RGB Percent	60%, 55%, 82%
CMY	0.3961, 0.4510, 0.1843
CMYK	0.26, 0.33, 0.00, 0.18
HSL	252°, 42%, 68%
HSV	252°, 33%, 82%
XYZ	34.0897, 30.1803, 63.7032
YIQ	151.9380, -13.4840, 24.1160

# Conversions

## Conversions Part 2

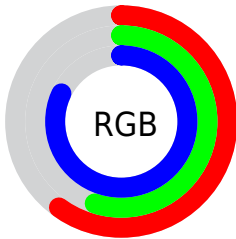
Format	Color
<a href="#">RYB</a>	<a href="#">154, 140, 208</a>
Decimal	<a href="#">10128592</a>
CIELab	<a href="#">61.81, 19.86, -33.12</a>
CIElCh	<a href="#">62, 38.620, 300.951</a>
Yxy	<a href="#">30.1803, 0.2664, 0.2358</a>
Android (android.graphics.Color)	<a href="#">4288318672 (0xFF9A8CD0)</a>
YUV	<a href="#">151.9380, 27.6386, 1.8084</a>
Hunter-Lab	<a href="#">54.9366, 14.6253, -30.2957</a>

# Details

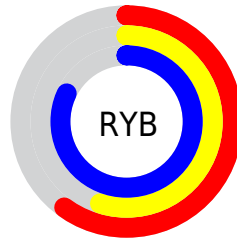
The Hex color **9A8CD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2D08C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D2C2FF**, and **655A99** is the 20% darker color. If you saturate the color by 10%, you get **8977D0**, and if you desaturate by 10%, it is **ABA1D0**.

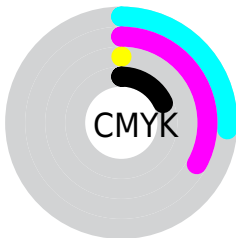
# Distribution



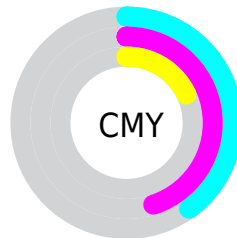
- Red (60%)
- Green (55%)
- Blue (82%)



- Red (60%)
- Yellow (55%)
- Blue (82%)



- Cyan (26%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8CD0 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 9A8CD0 by changing the saturation by 10% instead.



■ 9A8CD0

■ 9A8CD0

FFFFFF

■ 7F72B4

■ D2C2FF

■ 655A99

■ EEDEFF

■ 4C427F

■ FFFAFF

■ 332C66

■ 19174D

■ 040036

■ 000220

■ 000004

■ 000000

 9A8CD0

 9A8CD0

 8977D0

 ABA1D0

 7962D0

 BBB6D0

 684ED0

 CCCAD0

 5839D0

 DCDFD0

 4724D0

 EDF4D0

 370FD0

 FDFFD0

 2B00D0

 FFFFD0

# Harmonies

## Analogous

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



6298D9



9A8CD0



C180B7

# Triad

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



9A8CD0



C6885A



1FA795

# Complementary

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



9A8CD0



C2D08C

# 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.



5CA473



9A8CD0



AA9450

# Square

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



9A8CD0



D57D74



869E59



00A6B7

# Rectangle

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



9A8CD0



D07BA1



869E59



39A789



# Sweetspot

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



9A8CD0



EBE6FF



8CC2D0



737080



000000



808080



# Same Dimension

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



9A8CD0



B09CFF



BC8CD0



605E69



2300A8



080029



# Inverse Universe

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



D08CC2



FF9CEB



A0D08C



695E66



A80086

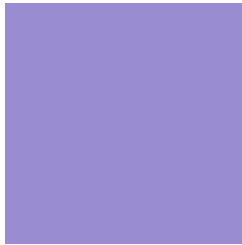


290020



# Previews

## White Background



This preview shows how the Hex color 9A8CD0 looks on a white background.

## Color Contrast Check

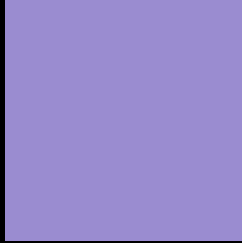
Large Text (above 18pt) WCAG AA × Fail

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 9A8CD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

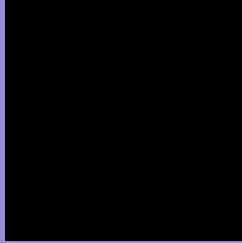
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A8CD0 Background



This preview shows how black text looks on a background with the Hex color 9A8CD0.



This preview shows how white text looks on a background with the Hex color 9A8CD0.

# 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](#).

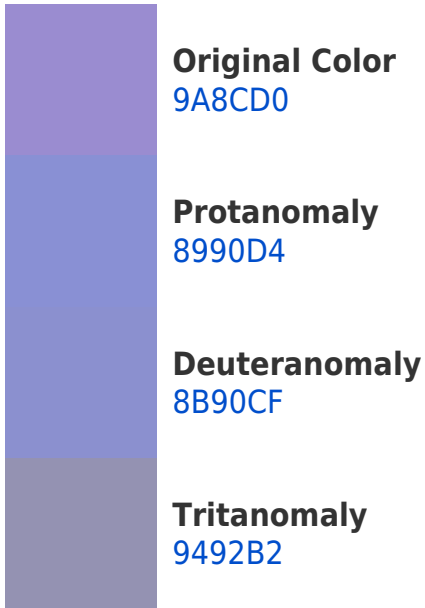
## Dichromacy



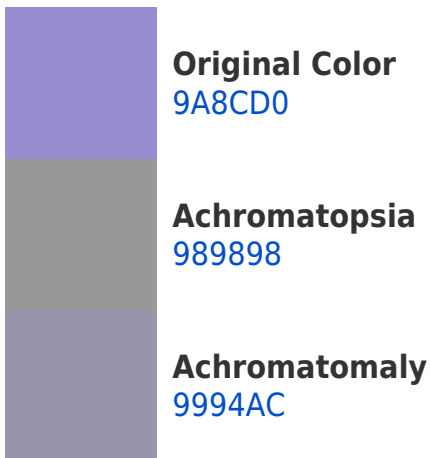


**Tritanopia**  
9195A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8CD0 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 #9A8CD0 looks like.

```
.text, #text, p{  
    color:#9A8CD0  
}
```

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 #9A8CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8CD0
}
```

## Border

The CSS property to change the border of an element to Hex 9A8CD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

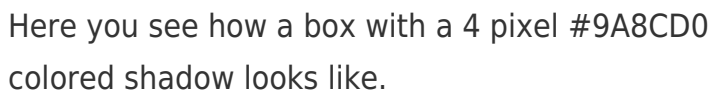
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A8CD0 }
```

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

```
.border{ border-color:#9A8CD0 }
```

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



Here you see how a box with a 4 pixel #9A8CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8CD0; -webkit-box-shadow:4px 4px  
4px 4px #9A8CD0; box-shadow:4px 4px 4px  
4px #9A8CD0 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8CD0 }
```

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

```
.background{ background-color:#9A8CD0 }
```

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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