

# Converting Colors

Hex(9878AD)

Have a look what the booklet for  
Hex(9878AD) contains.

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# Color

**Hex(9878AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9878AD
RGB	152, 120, 173
RGB Percent	60%, 47%, 68%
CMY	0.4039, 0.5294, 0.3216
CMYK	0.12, 0.31, 0.00, 0.32
HSL	276°, 24%, 57%
HSV	276°, 31%, 68%
XYZ	27.2082, 23.1255, 42.5648
YIQ	135.6100, 2.0590, 23.2670

# Conversions

## Conversions Part 2

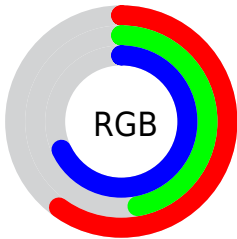
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 120, 173
Decimal	9992365
CIE Lab	55.20, 22.62, -23.48
CIE LCh	55, 32.604, 313.940
Yxy	23.1255, 0.2929, 0.2489
Android (android.graphics.Color)	4288182445 (0xFF9878AD)
YUV	135.6100, 18.4333, 14.3740
Hunter-Lab	48.0890, 16.8376, -18.8169

# Details

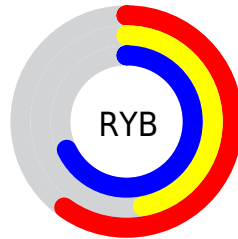
The Hex color **9878AD** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8DAD78**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CFADE5**, and **644778** is the 20% darker color. If you saturate the color by 10%, you get **9167AD**, and if you desaturate by 10%, it is **9F89AD**.

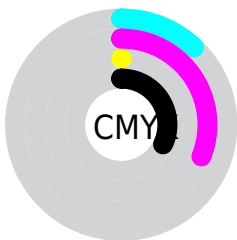
# Distribution



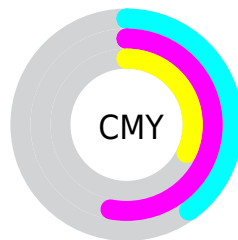
- Red (60%)
- Green (47%)
- Blue (68%)



- Red (60%)
- Yellow (47%)
- Blue (68%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (53%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9878AD 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 9878AD by changing the saturation by 10% instead.



9878AD

9878AD

FFFFFF

7E5F92

CFADE5

644778

EBC8FF

4C3060

FFE4FF

341A48

1E0431

00001C

000000

9878AD

9878AD

9167AD

9F89AD

 8A55AD

 A69BAD

 8344AD

 ADACAD

 7D33AD

 B3BDAD

 7621AD

 BACEAD

 6F10AD

 C1E0AD

 6800AD

 C8F1AD

 CFFFAD

 D6FFAD

# Harmonies

## Analogous

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



7082BB



9878AD



B27095

# Triad

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



9878AD



A47D4E



149391

# Complementary

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



9878AD



8DAD78

# 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.



459274



9878AD



8A874C

# Square

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



9878AD



B6745E



6A8E5A



0091AA

# Rectangle

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



9878AD



BA6E81



6A8E5A



289387



# Sweetspot

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



9878AD



D8CCE0



788DAD



6B6470



F0F0F0



707070



# Same Dimension

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



9878AD



C08DE0



AD78A8



534E57



5B0096



0E0017



# Inverse Universe

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



AD788D



E08DAE



78AD7D



574E51



96003C

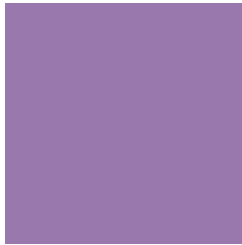


170009



# Previews

## White Background



This preview shows how the Hex color 9878AD looks on a white background.

## Color Contrast Check

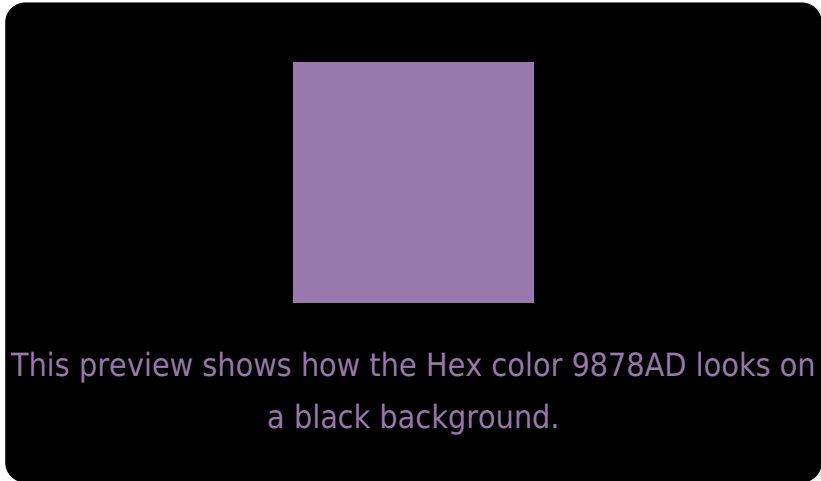
Large Text (above 18pt) WCAG AA ✓ Pass

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

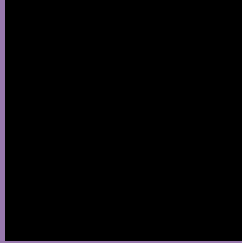
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9878AD Background



This preview shows how black text looks on a background with the Hex color 9878AD.

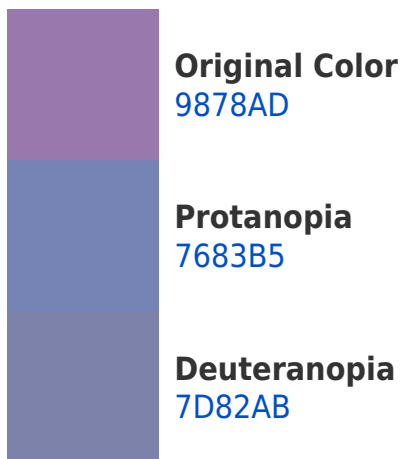


This preview shows how white text looks on a background with the Hex color 9878AD.

# 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**  
927F89

# Trichromacy



**Original Color**  
9878AD

**Protanomaly**  
827FB2

**Deuteranomaly**  
877EAC

**Tritanomaly**  
947C96

# Monochromacy



**Original Color**  
9878AD

**Achromatopsia**  
888888

**Achromatomaly**  
8E8295

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9878AD 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 #9878AD looks like.

```
.text, #text, p{  
    color:#9878AD  
}
```

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 #9878AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9878AD
}
```

## Border

The CSS property to change the border of an element to Hex 9878AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

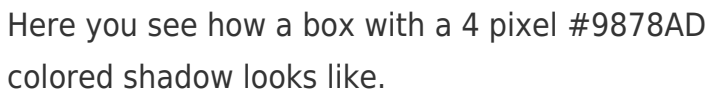
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9878AD }
```

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

```
.border{ border-color:#9878AD }
```

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



Here you see how a box with a 4 pixel #9878AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9878AD; -webkit-box-shadow:4px 4px  
4px 4px #9878AD; box-shadow:4px 4px 4px  
4px #9878AD }
```

# Background

The CSS property to change the background color of an element to Hex 9878AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9878AD }
```

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

```
.background{ background-color:#9878AD }
```

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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