

# Converting Colors

Hex(9981AE)

Have a look what the booklet for  
Hex(9981AE) contains.

<b>Hex(9981AE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9981AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9981AE
RGB	153, 129, 174
RGB Percent	60%, 51%, 68%
CMY	0.4000, 0.4941, 0.3176
CMYK	0.12, 0.26, 0.00, 0.32
HSL	272°, 22%, 59%
HSV	272°, 26%, 68%
XYZ	28.6271, 25.5288, 43.4631
YIQ	141.3060, -0.1410, 19.0830

# Conversions

## Conversions Part 2

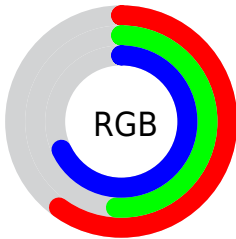
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 129, 174
Decimal	10060206
CIE Lab	57.59, 17.97, -20.39
CIE LCh	58, 27.177, 311.400
Yxy	25.5288, 0.2933, 0.2615
Android (android.graphics.Color)	4288250286 (0xFF9981AE)
YUV	141.3060, 16.1181, 10.2556
Hunter-Lab	50.5260, 12.7142, -15.6338

# Details

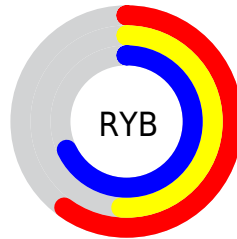
The Hex color **9981AE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **96AE81**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D0B6E6**, and **655079** is the 20% darker color. If you saturate the color by 10%, you get **9170AE**, and if you desaturate by 10%, it is **A192AE**.

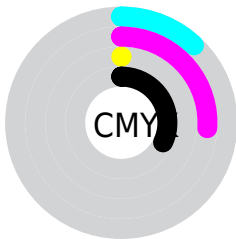
# Distribution



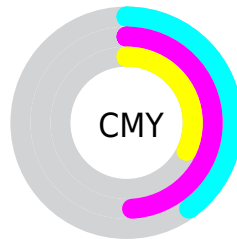
- Red (60%)
- Green (51%)
- Blue (68%)



- Red (60%)
- Yellow (51%)
- Blue (68%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (49%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9981AE 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 9981AE by changing the saturation by 10% instead.





9981AE



9981AE

FFFFFF



7F6893



D0B6E6



655079



ECD2FF



4D3861



FFEEFF



362349



1F0E32



01001D



000000



9981AE



9981AE



9170AE



A192AE

895EAE

A9A4AE

814DAE

B1B5AE

793BAE

B9C7AE

702AAE

C2D8AE

6819AE

CAE9AE

6007AE

D2FBAE

5D00AE

DAFFAE

E2FFAE

# Harmonies

## Analogous

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



7889B9



9981AE



B07A9A

# Triad

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



9981AE



A8845E



429793

# Complementary

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



9981AE



96AE81

# 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.



5B967A



9981AE



928C5B

# Square

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



9981AE



B67C6C



779266



3C96A9

# Rectangle

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



9981AE



B8788A



779266



4A978B



# Sweetspot

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



9981AE



DAD1E3



8196AE



6D6773



F2F2F2



737373



# Same Dimension

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



9981AE



C29DE3



AE81AD



534E57



500096



0C0017



# Inverse Universe

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



AE8196



E39DBD



81AE83



574E52



960046

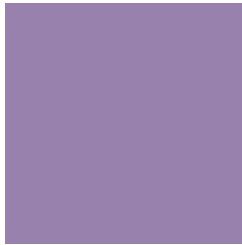


17000B



# Previews

## White Background



This preview shows how the Hex color 9981AE looks on a white background.

## Color Contrast Check

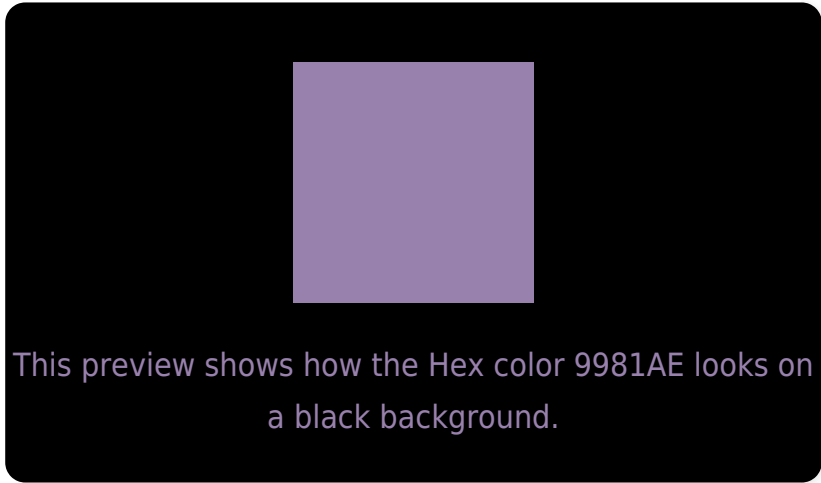
Large Text (above 18pt) WCAG AA ✓ Pass

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

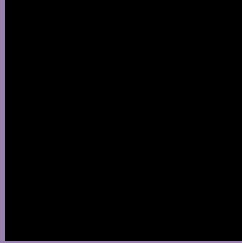
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9981AE Background



This preview shows how black text looks on a background with the Hex color 9981AE.



This preview shows how white text looks on a background with the Hex color 9981AE.

# 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**  
948691

# Trichromacy



**Original Color**  
9981AE

**Protanomaly**  
8886B2

**Deuteranomaly**  
8D85AD

**Tritanomaly**  
96849C

# Monochromacy



**Original Color**  
9981AE

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
918999

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9981AE 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 #9981AE looks like.

```
.text, #text, p{  
    color:#9981AE  
}
```

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 #9981AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9981AE
}
```

## Border

The CSS property to change the border of an element to Hex 9981AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

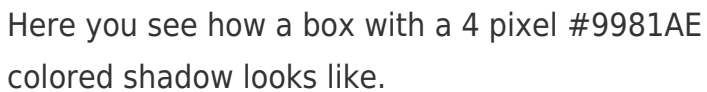
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9981AE }
```

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

```
.border{ border-color:#9981AE }
```

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



Here you see how a box with a 4 pixel #9981AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9981AE; -webkit-box-shadow:4px 4px  
4px 4px #9981AE; box-shadow:4px 4px 4px  
4px #9981AE }
```

# Background

The CSS property to change the background color of an element to Hex 9981AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9981AE }
```

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

```
.background{ background-color:#9981AE }
```

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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