

# Converting Colors

Hex(9668AE)

Have a look what the booklet for  
Hex(9668AE) contains.

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**Color**

**Hex(9668AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9668AE
RGB	150, 104, 174
RGB Percent	59%, 41%, 68%
CMY	0.4118, 0.5922, 0.3176
CMYK	0.14, 0.40, 0.00, 0.32
HSL	279°, 30%, 55%
HSV	279°, 40%, 68%
XYZ	25.1680, 19.4407, 42.4703
YIQ	125.7340, 4.9460, 31.5220

# Conversions

## Conversions Part 2

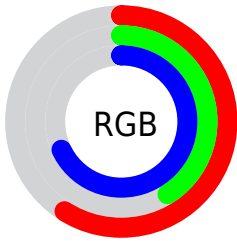
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 104, 174
Decimal	9857198
CIE <sub>Lab</sub>	51.20, 31.43, -30.27
CIE <sub>LCh</sub>	51, 43.632, 316.073
Yxy	19.4407, 0.2890, 0.2233
Android (android.graphics.Color)	4288047278 (0xFF9668AE)
YUV	125.7340, 23.7951, 21.2813
Hunter-Lab	44.0916, 24.7297, -26.2458

# Details

The Hex color **9668AE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **80AE68**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CD9CE6**, and **623779** is the 20% darker color. If you saturate the color by 10%, you get **9057AE**, and if you desaturate by 10%, it is **9C79AE**.

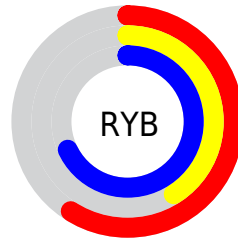
# Distribution



Red (59%)

Green (41%)

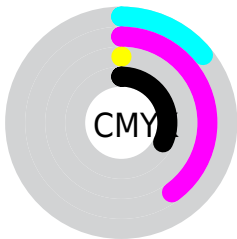
Blue (68%)



Red (59%)

Yellow (41%)

Blue (68%)

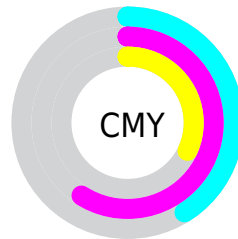


Cyan (14%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (41%)

Magenta (59%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9668AE 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 9668AE by changing the saturation by 10% instead.



9668AE

9668AE

FFFFFF

7B4F93

CD9CE6

623779

EAB7FF

492060

FFD3FF

300848

FFEFFF

1D0031

00011B

000000

9668AE

9668AE

9057AE

9C79AE

 8A45AE

 A28BAE

 8434AE

 A89CAE

 7E22AE

 AEAEAE

 7811AE

 B4BFAE

 7200AE

 BAD0AE

 C0E2AE

 C6F3AE

 CCFFAE

# Harmonies

## Analogous

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



5E77C2



9668AE



B65C8D

# Triad

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



9668AE



9E722F



008D8D

# Complementary

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



9668AE



80AE68

# 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.



008B67



9668AE



7C7E2E

# Square

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



9668AE



B66446



518744



008AAF

# Rectangle

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



9668AE



BE5974



518744



008D81



# Sweetspot

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



9668AE



DAC8E3



6881AE



6D6373



F2F2F2



737373



# Same Dimension

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



9668AE



BE76E3



AE68A4



544E57



630096



0F0017



# Inverse Universe

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



AE6880



E3769B



68AE72



574E51



960034

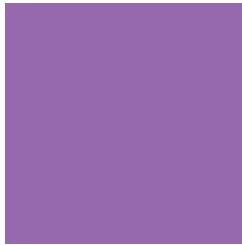


170008



# Previews

## White Background



This preview shows how the Hex color 9668AE looks on a white background.

## Color Contrast Check

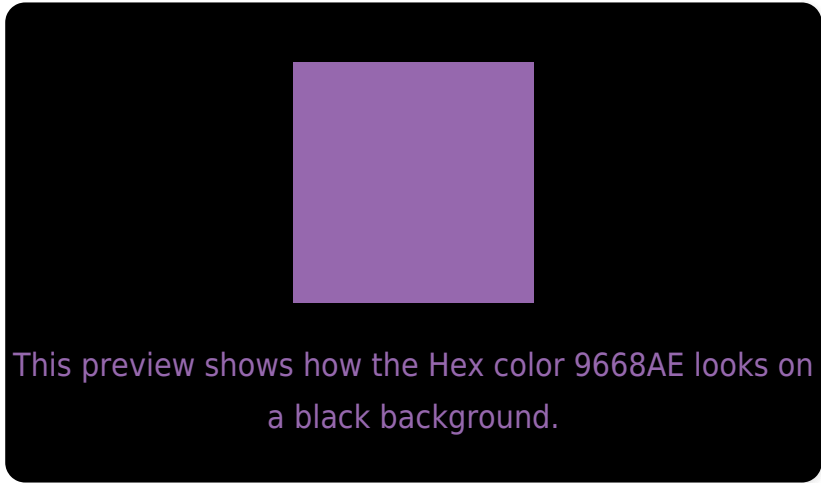
Large Text (above 18pt) WCAG AA ✓ Pass

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

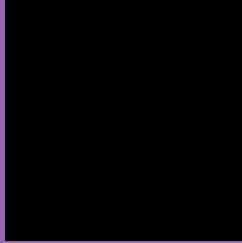
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9668AE Background



This preview shows how black text looks on a background with the Hex color 9668AE.

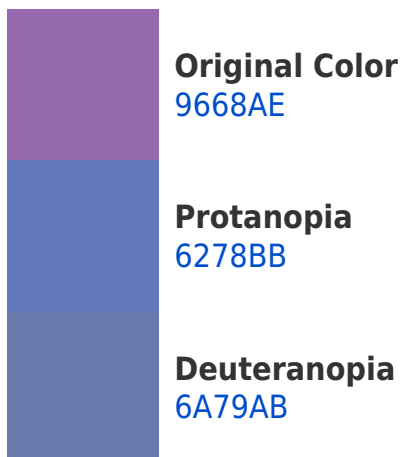


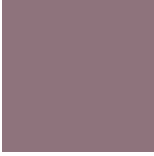
This preview shows how white text looks on a background with the Hex color 9668AE.

# 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**  
8E737C

# Trichromacy



**Original Color**  
9668AE

**Protanomaly**  
7572B6

**Deuteranomaly**  
7A73AC

**Tritanomaly**  
916F8E

# Monochromacy



**Original Color**  
9668AE

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
87768F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9668AE 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 #9668AE looks like.

```
.text, #text, p{  
    color:#9668AE  
}
```

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 #9668AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9668AE
}
```

## Border

The CSS property to change the border of an element to Hex 9668AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

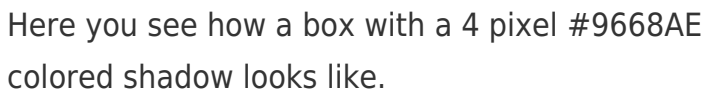
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9668AE }
```

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

```
.border{ border-color:#9668AE }
```

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



Here you see how a box with a 4 pixel #9668AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9668AE; -webkit-box-shadow:4px 4px  
4px 4px #9668AE; box-shadow:4px 4px 4px  
4px #9668AE }
```

# Background

The CSS property to change the background color of an element to Hex 9668AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9668AE }
```

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

```
.background{ background-color:#9668AE }
```

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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