

# Converting Colors

Hex(9864AB)

Have a look what the booklet for  
Hex(9864AB) contains.

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# Color

**Hex(9864AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9864AB
RGB	152, 100, 171
RGB Percent	60%, 39%, 67%
CMY	0.4039, 0.6078, 0.3294
CMYK	0.11, 0.42, 0.00, 0.33
HSL	284°, 30%, 53%
HSV	284°, 42%, 67%
XYZ	24.8568, 18.7300, 40.8332
YIQ	123.6420, 8.2010, 33.1050

# Conversions

## Conversions Part 2

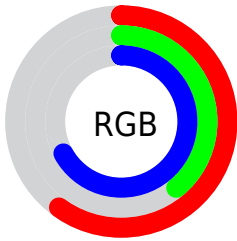
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 100, 171
Decimal	9987243
CIE <sub>Lab</sub>	50.37, 33.67, -29.80
CIE <sub>LCh</sub>	50, 44.961, 318.492
Yxy	18.7300, 0.2944, 0.2219
Android (android.graphics.Color)	4288177323 (0xFF9864AB)
YUV	123.6420, 23.3475, 24.8700
Hunter-Lab	43.2782, 26.7843, -25.6457

# Details

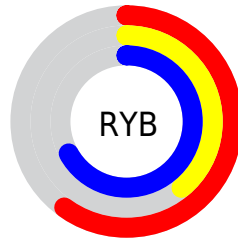
The Hex color **9864AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **77AB64**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CF98E3**, and **633376** is the 20% darker color. If you saturate the color by 10%, you get **9353AB**, and if you desaturate by 10%, it is **9D75AB**.

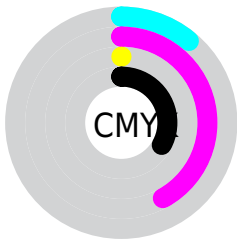
# Distribution



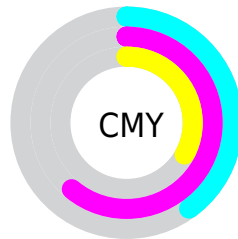
- Red (60%)
- Green (39%)
- Blue (67%)



- Red (60%)
- Yellow (39%)
- Blue (67%)



- Cyan (11%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (61%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9864AB 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 9864AB by changing the saturation by 10% instead.



■ 9864AB

■ 9864AB

FFFFFF

■ 7D4B90

■ CF98E3

■ 633376

■ ECB3FF

■ 4A1C5D

■ FFCFFF

■ 320345

■ FFE8FF

■ 1F002F

■ 000119

■ 000000

■ 9864AB

■ 9864AB

■ 9353AB

■ 9D75AB

8F42AB

A186AB

8A31AB

A697AB

8620AB

AAA8AB

810EAB

AFB9AB

7D00AB

B3CBAB

B8DCAB

BDEDAB

C1FEAB

# Harmonies

## Analogous

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



6074C1



9864AB



B75888

# Triad

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



9864AB



9A712A



008B8F

# Complementary

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



9864AB



77AB64

# 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.



008A67



9864AB



767D2A

# Square

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



9864AB



B36240



498543



0088B0

# Rectangle

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



9864AB



BE566E



498543



008B82



# Sweetspot

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



9864AB



D7C3DE



6478AB



6C6070



F0F0F0



707070



# Same Dimension

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



9864AB



C06FDE



AB649C



544E57



6E0096



110017



# Inverse Universe

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



AB6477



DE6F8D



64AB73



574E50



960028

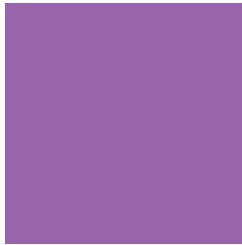


170006



# Previews

## White Background



This preview shows how the Hex color 9864AB looks on a white background.

## Color Contrast Check

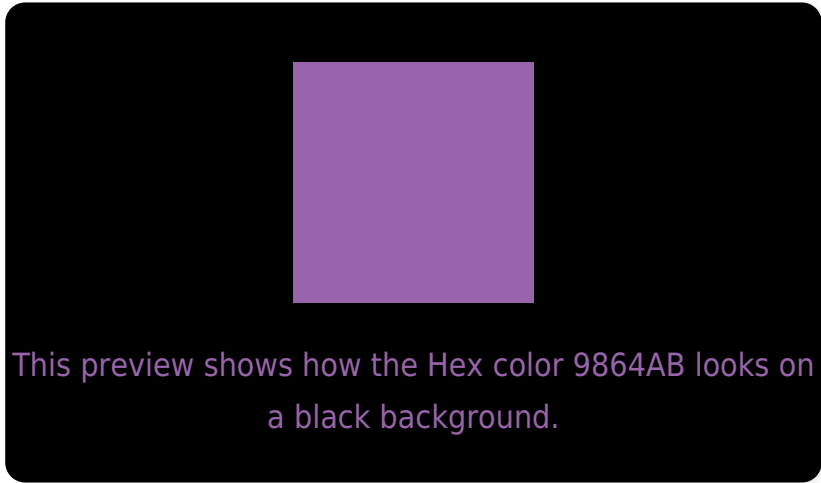
Large Text (above 18pt) WCAG AA ✓ Pass

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

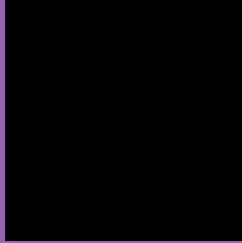
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9864AB Background



This preview shows how black text looks on a background with the Hex color 9864AB.

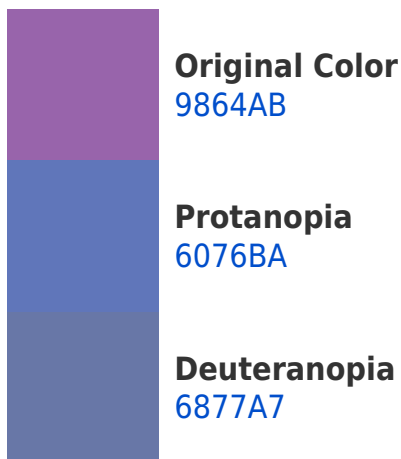


This preview shows how white text looks on a background with the Hex color 9864AB.

# 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](#).

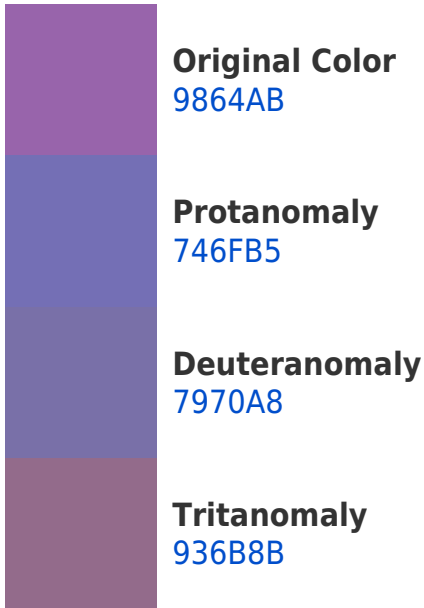
## Dichromacy



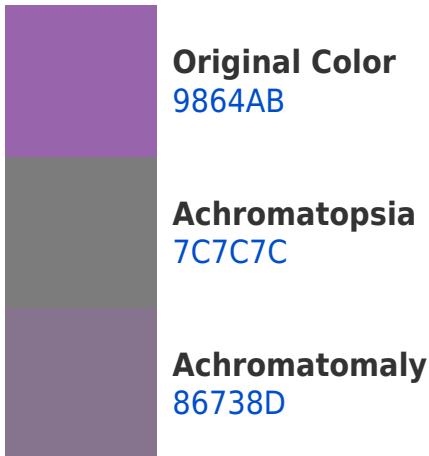


**Tritanopia**  
906F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9864AB 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 #9864AB looks like.

```
.text, #text, p{  
    color:#9864AB  
}
```

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 #9864AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9864AB
}
```

## Border

The CSS property to change the border of an element to Hex 9864AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

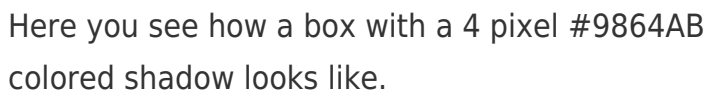
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9864AB }
```

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

```
.border{ border-color:#9864AB }
```

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



Here you see how a box with a 4 pixel #9864AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9864AB; -webkit-box-shadow:4px 4px  
4px 4px #9864AB; box-shadow:4px 4px 4px  
4px #9864AB }
```

# Background

The CSS property to change the background color of an element to Hex 9864AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9864AB }
```

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

```
.background{ background-color:#9864AB }
```

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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