

# Converting Colors

Hex(9986CA)

Have a look what the booklet for  
Hex(9986CA) contains.

<b>Hex(9986CA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9986CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9986CA
RGB	153, 134, 202
RGB Percent	60%, 53%, 79%
CMY	0.4000, 0.4745, 0.2078
CMYK	0.24, 0.34, 0.00, 0.21
HSL	257°, 39%, 66%
HSV	257°, 34%, 79%
XYZ	32.3226, 28.0868, 59.5948
YIQ	147.4330, -10.5040, 25.1760

# Conversions

## Conversions Part 2

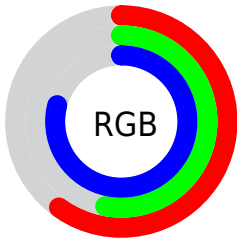
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 134, 202
Decimal	10061514
CIE <sub>Lab</sub>	59.97, 21.56, -32.62
CIE <sub>LCh</sub>	60, 39.100, 303.457
Yxy	28.0868, 0.2693, 0.2340
Android (android.graphics.Color)	4288251594 (0xFF9986CA)
YUV	147.4330, 26.9015, 4.8823
Hunter-Lab	52.9969, 16.1218, -29.5735

# Details

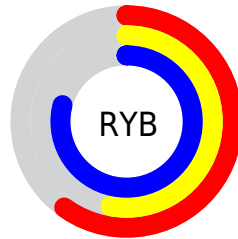
The Hex color **9986CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7CA86**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D0BBFF**, and **645494** is the 20% darker color. If you saturate the color by 10%, you get **8A72CA**, and if you desaturate by 10%, it is **A89ACA**.

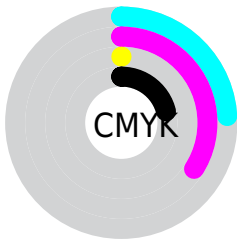
# Distribution



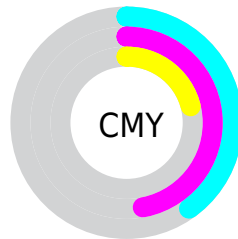
- Red (60%)
- Green (53%)
- Blue (79%)



- Red (60%)
- Yellow (53%)
- Blue (79%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (47%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9986CA 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 9986CA by changing the saturation by 10% instead.



 9986CA

 9986CA

FFFFFF

 7E6DAE

 D0BBFF

 645494

 EDD7FF

 4B3D7A

 FFF4FF

 322760

 191248

 070032

 00011C

 000000

 9986CA

 9986CA

8A72CA

A89ACA

7C5ECA

B6AECA

6D49CA

C5C3CA

5F35CA

D3D7CA

5021CA

E2EBCA

420DCA

F0FFCA

3800CA

FFFFCA

# Harmonies

## Analogous

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



6193D5



9986CA



BF7AB0

# Triad

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



9986CA



BF8453



00A293

# Complementary

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



9986CA



B7CA86

# 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.



52A071



9986CA



A2904A

# Square

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



9986CA



D0796C



7E9A55



00A1B5

# Rectangle

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



9986CA



CD759A



7E9A55



2AA288



# Sweetspot

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



9986CA



EDE6FF



86B8CA



747080



000000



808080



# Same Dimension

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



9986CA



B599FF



BA86CA



5F5C66



2E00A6



0B0026



# Inverse Universe

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



CA86B7



FF99E3



96CA86



665C63



A60077



26001C



# Previews

## White Background



This preview shows how the Hex color 9986CA looks on a white background.

## Color Contrast Check

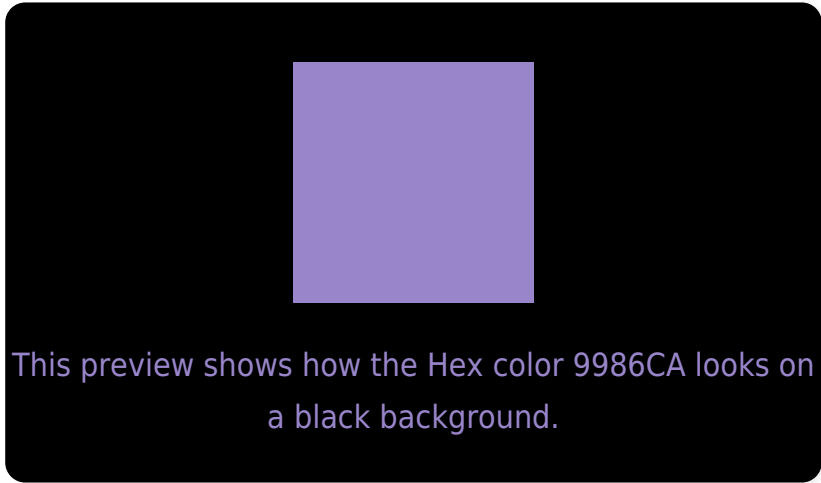
Large Text (above 18pt) WCAG AA ✓ Pass

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

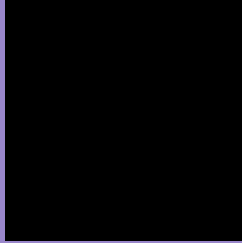
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9986CA Background



This preview shows how black text looks on a background with the Hex color 9986CA.

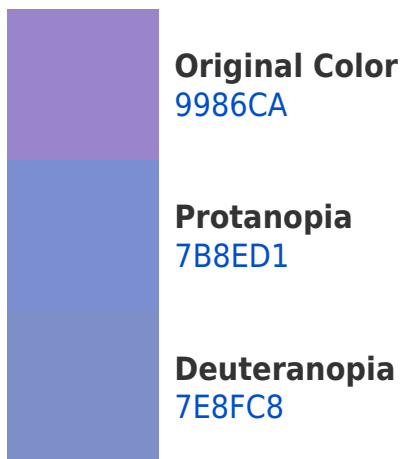


This preview shows how white text looks on a background with the Hex color 9986CA.

# 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](#).

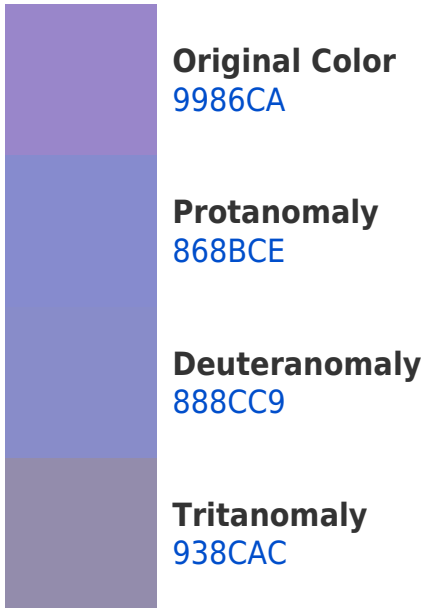
## Dichromacy



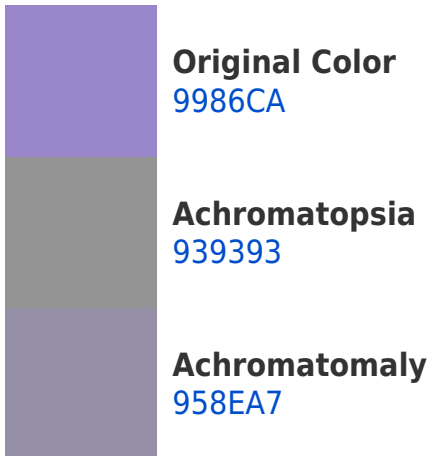


**Tritanopia**  
908F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9986CA 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 #9986CA looks like.

```
.text, #text, p{  
    color:#9986CA  
}
```

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 #9986CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9986CA
}
```

## Border

The CSS property to change the border of an element to Hex 9986CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

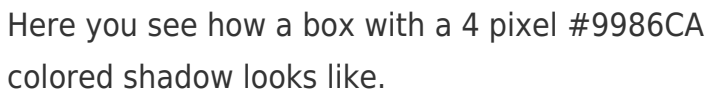
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9986CA }
```

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

```
.border{ border-color:#9986CA }
```

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



Here you see how a box with a 4 pixel #9986CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9986CA; -webkit-box-shadow:4px 4px  
4px 4px #9986CA; box-shadow:4px 4px 4px  
4px #9986CA }
```

# Background

The CSS property to change the background color of an element to Hex 9986CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9986CA }
```

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

```
.background{ background-color:#9986CA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor