

# Converting Colors

Hex(987CD7)

Have a look what the booklet for  
Hex(987CD7) contains.

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# **Color**

**Hex(987CD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	987CD7
RGB	152, 124, 215
RGB Percent	60%, 49%, 84%
CMY	0.4039, 0.5137, 0.1569
CMYK	0.29, 0.42, 0.00, 0.16
HSL	258°, 53%, 66%
HSV	258°, 42%, 84%
XYZ	32.4223, 25.9970, 67.5991
YIQ	142.7460, -12.5230, 34.2370

# Conversions

## Conversions Part 2

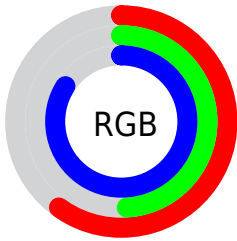
Format	Color
<a href="#">RYB</a>	<a href="#">152, 124, 215</a>
Decimal	<a href="#">9993431</a>
CIELab	<a href="#">58.03, 30.25, -42.97</a>
CIELCh	<a href="#">58, 52.549, 305.140</a>
Yxy	<a href="#">25.9970, 0.2573, 0.2063</a>
Android (android.graphics.Color)	<a href="#">4288183511</a> ( <a href="#">0xFF987CD7</a> )
YUV	<a href="#">142.7460, 35.6212, 8.1158</a>
Hunter-Lab	<a href="#">50.9873, 24.2787, -42.9158</a>

# Details

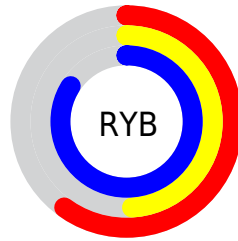
The Hex color **987CD7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BBD77C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D0B1FF**, and **624BA0** is the 20% darker color. If you saturate the color by 10%, you get **8966D7**, and if you desaturate by 10%, it is **A792D7**.

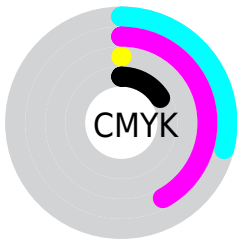
# Distribution



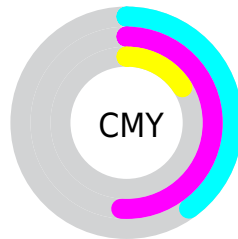
- Red (60%)
- Green (49%)
- Blue (84%)



- Red (60%)
- Yellow (49%)
- Blue (84%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (51%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987CD7 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 987CD7 by changing the saturation by 10% instead.



 987CD7

 987CD7

FFFFFF

 7D63BB

 D0B1FF

 624BA0

 EDCDFF

 483385

 FFE9FF

 2D1D6B

 0F0853

 00003B

 000224

 00000C

 000000

987CD7

987CD7

8966D7

A792D7

7A51D7

B6A7D7

6B3BD7

C5BDD7

5C26D7

D4D2D7

4E10D7

E2E8D7

4200D7

F1FDD7

FFFFD7

# Harmonies

## Analogous

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



398EE7



987CD7



CA6AB3

# Triad

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



987CD7



C37B36



00A292

# Complementary

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



987CD7



BBD77C

# 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.



1E9F63



987CD7



9D8C28

# Square

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



987CD7



DB6A59



6D983C



00A1BF

# Rectangle

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



987CD7



DB6295



6D983C



00A182



# Sweetspot

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



987CD7



E8DEFF



7CBCD7



716B80



000000



808080



# Same Dimension

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



987CD7



A57DFF



C57CD7



64606B



3500AB



0D002B



# Inverse Universe

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



D77CBB



FF7DD7



8ED77C



6B6068



AB0076

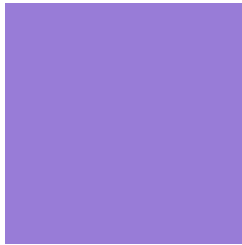


2B001E



# Previews

## White Background



This preview shows how the Hex color 987CD7 looks on a white background.

## Color Contrast Check

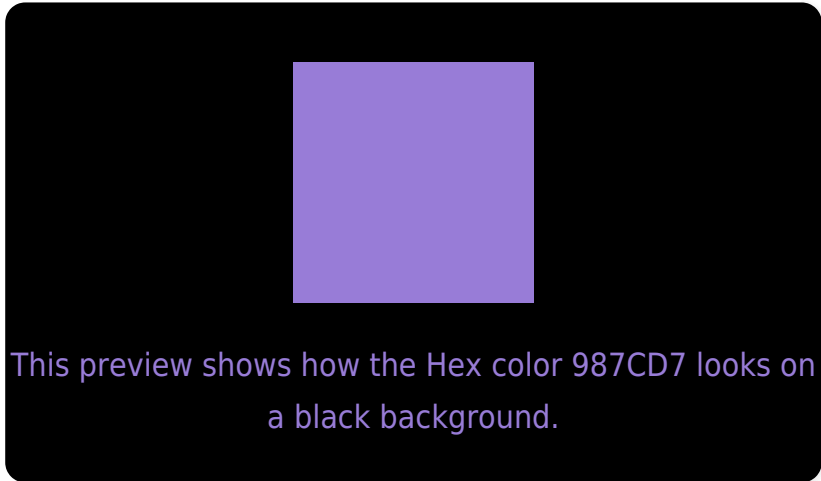
Large Text (above 18pt) WCAG AA ✓ Pass

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 987CD7 Background



This preview shows how black text looks on a background with the Hex color 987CD7.

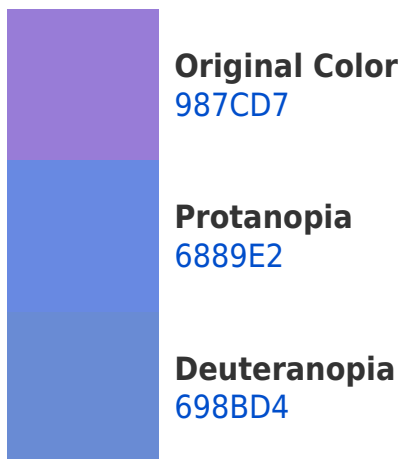



This preview shows how white text looks on a background with the Hex color 987CD7.

# 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](#).

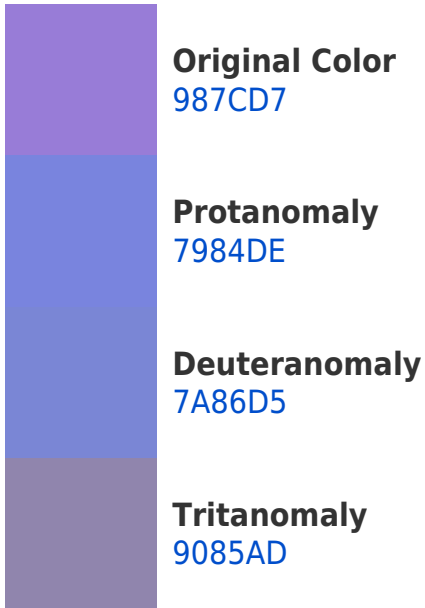
## Dichromacy



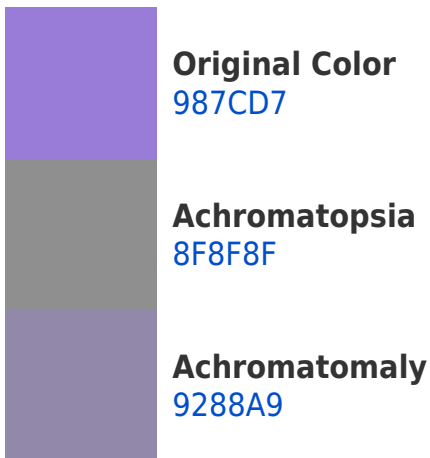


**Tritanopia**  
8B8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987CD7 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 #987CD7 looks like.

```
.text, #text, p{  
    color:#987CD7  
}
```

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 #987CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987CD7
}
```

## Border

The CSS property to change the border of an element to Hex 987CD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

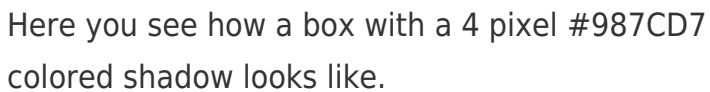
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#987CD7 }
```

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

```
.border{ border-color:#987CD7 }
```

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



Here you see how a box with a 4 pixel #987CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987CD7; -webkit-box-shadow:4px 4px  
4px 4px #987CD7; box-shadow:4px 4px 4px  
4px #987CD7 }
```

# Background

The CSS property to change the background color of an element to Hex 987CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987CD7 }
```

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

```
.background{ background-color:#987CD7 }
```

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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