

# Converting Colors

Hex(997DD8)

Have a look what the booklet for  
Hex(997DD8) contains.

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**Color**

**Hex(997DD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	997DD8
RGB	153, 125, 216
RGB Percent	60%, 49%, 85%
CMY	0.4000, 0.5098, 0.1529
CMYK	0.29, 0.42, 0.00, 0.15
HSL	258°, 54%, 67%
HSV	258°, 42%, 85%
XYZ	32.8652, 26.3974, 68.3288
YIQ	143.7460, -12.5230, 34.2370

# Conversions

## Conversions Part 2

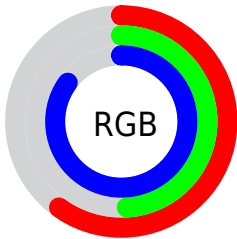
Format	Color
R <sub>YB</sub>	153, 125, 216
Decimal	10059224
CIE <sub>Lab</sub>	58.41, 30.20, -42.93
CIE <sub>LCh</sub>	58, 52.490, 305.123
Y <sub>xy</sub>	26.3974, 0.2576, 0.2069
Android (android.graphics.Color)	4288249304 (0xFF997DD8)
Y <sub>UV</sub>	143.7460, 35.6212, 8.1158
Hunter-Lab	51.3784, 24.2686, -42.8856

# Details

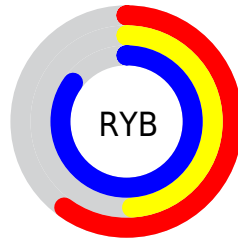
The Hex color **997DD8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BCD87D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D1B2FF**, and **634CA1** is the 20% darker color. If you saturate the color by 10%, you get **8A67D8**, and if you desaturate by 10%, it is **A893D8**.

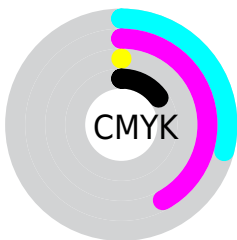
# Distribution



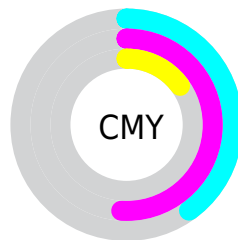
- Red (60%)
- Green (49%)
- Blue (85%)



- Red (60%)
- Yellow (49%)
- Blue (85%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997DD8 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 997DD8 by changing the saturation by 10% instead.



997DD8

997DD8

FFFFFF

7E64BC

D1B2FF

634CA1

EECEFF

493486

FFEAFF

2E1E6C

100953

00003C

000225

00010E

000000

 997DD8

 997DD8

 8A67D8

 A893D8

 7B52D8

 B7A8D8

 6C3CD8

 C6BED8

 5D27D8

 D5D3D8

 4E11D8

 E4E9D8

 4200D8

 F3FFD8

 FFFFD8

# Harmonies

## Analogous

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



3B8FE8



997DD8



CB6BB4

# Triad

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



997DD8



C47C37



00A393

# Complementary

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



997DD8



BCD87D

# 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.



21A064



997DD8



9E8D2A

# Square

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



997DD8



DC6B5A



6E993D



00A2C0

# Rectangle

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



997DD8



DC6396



6E993D



00A283



# Sweetspot

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



997DD8



E8DEFF



7DBDD8



716B80



000000



808080



# Same Dimension

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



997DD8



A57DFF



C67DD8



64606B



3500AB



0D002B



# Inverse Universe

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



D87DBC



FF7DD7



8FD87D



6B6068



AB0076

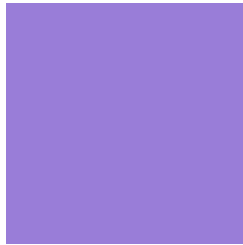


2B001E



# Previews

## White Background



This preview shows how the Hex color 997DD8 looks on a white background.

## Color Contrast Check

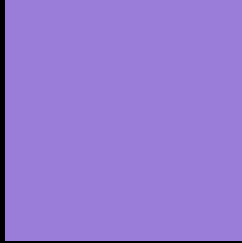
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 997DD8 looks on a 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 997DD8 Background



This preview shows how black text looks on a background with the Hex color 997DD8.

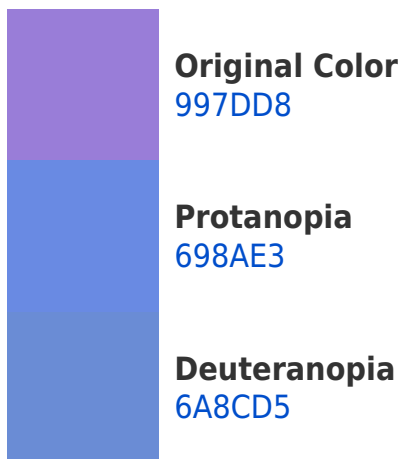


This preview shows how white text looks on a background with the Hex color 997DD8.

# 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**  
8C8B96

# Trichromacy



**Original Color**  
997DD8

**Protanomaly**  
7A85DF

**Deuteranomaly**  
7B87D6

**Tritanomaly**  
9186AE

# Monochromacy



**Original Color**  
997DD8

**Achromatopsia**  
909090

**Achromatomaly**  
9389AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997DD8 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 #997DD8 looks like.

```
.text, #text, p{  
    color:#997DD8  
}
```

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 #997DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997DD8  
}
```

## Border

The CSS property to change the border of an element to Hex 997DD8 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  
#997DD8 }
```

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

```
.border{ border-color:#997DD8 }
```

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

Here you see how a box with a 4 pixel #997DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997DD8; -webkit-box-shadow:4px 4px  
4px 4px #997DD8; box-shadow:4px 4px 4px  
4px #997DD8 }
```

# Background

The CSS property to change the background color of an element to Hex 997DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997DD8 }
```

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

```
.background{ background-color:#997DD8 }
```

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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