

# Converting Colors

Hex(D987D0)

Have a look what the booklet for  
Hex(D987D0) contains.

<b>Hex(D987D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D987D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D987D0
RGB	217, 135, 208
RGB Percent	85%, 53%, 82%
CMY	0.1490, 0.4706, 0.1843
CMYK	0.00, 0.38, 0.04, 0.15
HSL	307°, 52%, 69%
HSV	307°, 38%, 85%
XYZ	48.6644, 36.6337, 64.1806
YIQ	167.8400, 25.4390, 40.0870

# Conversions

## Conversions Part 2

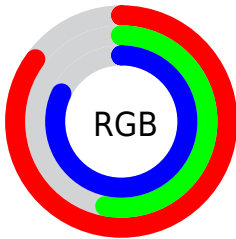
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 135, 208
Decimal	14256080
CIE <sub>Lab</sub>	67.00, 42.24, -24.59
CIE <sub>LCh</sub>	67, 48.871, 329.796
Yxy	36.6337, 0.3256, 0.2451
Android (android.graphics.Color)	4292446160 (0xFFD987D0)
YUV	167.8400, 19.7989, 43.1133
Hunter-Lab	60.5258, 37.5988, -20.5021

# Details

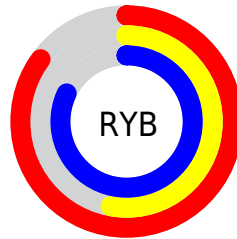
The Hex color **D987D0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87D990**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBEFF**, and **A15399** is the 20% darker color. If you saturate the color by 10%, you get **D971CE**, and if you desaturate by 10%, it is **D99DD2**.

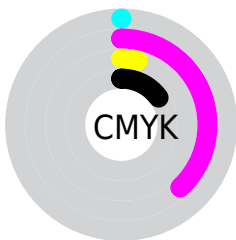
# Distribution



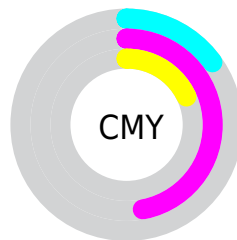
- Red (85%)
- Green (53%)
- Blue (82%)



- Red (85%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (47%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D987D0 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 D987D0 by changing the saturation by 10% instead.



 D987D0

 D987D0

FFFFFF

 BD6DB4

 FFBEFF

 A15399

 FFDAFF

 85397F


 FFF7FF

 6B2066

 51004E

 380037

 220021

 000005

 000000

 D987D0

 D987D0

 D971CE

 D99DD2

 D95CCB

 D9B2D5

 D946C9

 D9C8D7

 D930C6

 D9DEDA

 D91AC4

 D9F4DC

 D905C2

 D9FFDE

 D900C1

 D9FFE1

 D9FFE3

 D9FFE5

# Harmonies

## Analogous

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



A598F0



D987D0



F37EA5

# Triad

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



D987D0



BDA148



00B9CD

# Complementary

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



D987D0



87D990

# 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.



00B9A1



D987D0



91AD54

# Square

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



D987D0



E09158



58B675



00B3EE

# Rectangle

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



D987D0



F67F88



58B675



00B9BF

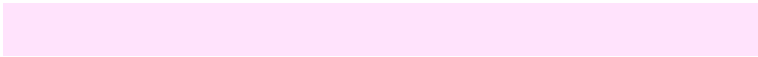


# Sweetspot

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



D987D0



FFE3FC



8F87D9



806F7E



000000



808080



# Same Dimension

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



D987D0



FF8CF2



D987A8



6E636C



AD009A



2E0029



# Inverse Universe

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



D987D0



FF8CF2



87D9B8



6E636C



AD009A



2E0029



# Previews

## White Background



This preview shows how the Hex color D987D0 looks on a white background.

## Color Contrast Check

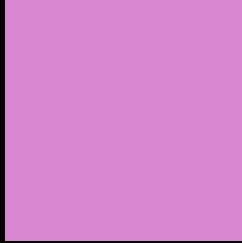
Large Text (above 18pt) WCAG AA × Fail

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 D987D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

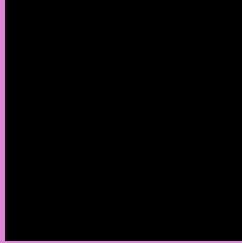
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D987D0 Background



This preview shows how black text looks on a background with the Hex color D987D0.

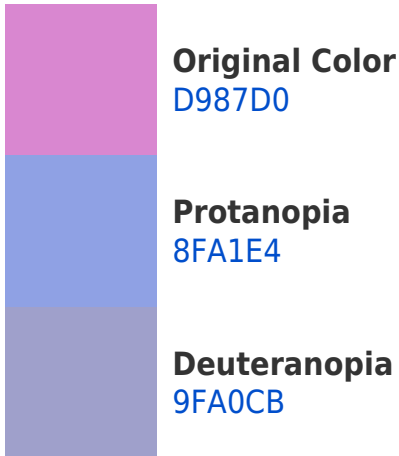



This preview shows how white text looks on a background with the Hex color D987D0.

# 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**  
D3919D

# Trichromacy



**Original Color**  
D987D0



**Protanomaly**  
AA98DD



**Deuteranomaly**  
B497CD

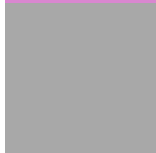


**Tritanomaly**  
D58DB0

# Monochromacy



**Original Color**  
D987D0



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
BA9CB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D987D0 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 #D987D0 looks like.

```
.text, #text, p{  
    color:#D987D0  
}
```

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 #D987D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D987D0
}
```

## Border

The CSS property to change the border of an element to Hex D987D0 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
#D987D0 }
```

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

```
.border{ border-color:#D987D0 }
```

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

Here you see how a box with a 4 pixel #D987D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D987D0; -webkit-box-shadow:4px 4px  
4px 4px #D987D0; box-shadow:4px 4px 4px  
4px #D987D0 }
```

# Background

The CSS property to change the background color of an element to Hex D987D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D987D0 }
```

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

```
.background{ background-color:#D987D0 }
```

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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