

# Converting Colors

Hex(D987E2)

Have a look what the booklet for  
Hex(D987E2) contains.

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# Color

**Hex(D987E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D987E2
RGB	217, 135, 226
RGB Percent	85%, 53%, 89%
CMY	0.1490, 0.4706, 0.1137
CMYK	0.04, 0.40, 0.00, 0.11
HSL	294°, 61%, 71%
HSV	294°, 40%, 89%
XYZ	51.0067, 37.5706, 76.5150
YIQ	169.8920, 19.6610, 45.6850

# Conversions

## Conversions Part 2

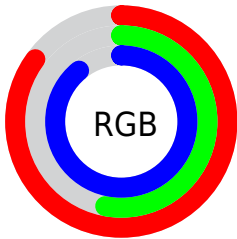
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 135, 226</a>
Decimal	<a href="#">14256098</a>
CIELab	<a href="#">67.70, 45.53, -33.50</a>
CIElCh	<a href="#">68, 56.523, 323.658</a>
Yxy	<a href="#">37.5706, 0.3090, 0.2276</a>
Android (android.graphics.Color)	<a href="#">4292446178 (0xFFD987E2)</a>
YUV	<a href="#">169.8920, 27.6612, 41.3137</a>
Hunter-Lab	<a href="#">61.2949, 41.2732, -31.1059</a>

# Details

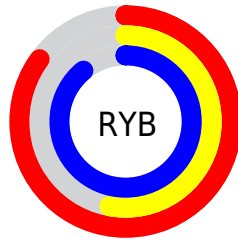
The Hex color **D987E2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90E287**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBEFF**, and **A053AA** is the 20% darker color. If you saturate the color by 10%, you get **D770E2**, and if you desaturate by 10%, it is **DB9EE2**.

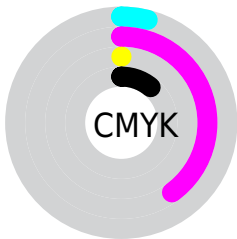
# Distribution



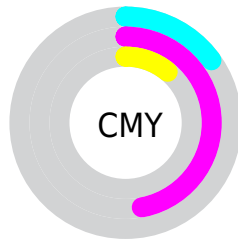
- Red (85%)
- Green (53%)
- Blue (89%)



- Red (85%)
- Yellow (53%)
- Blue (89%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (47%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D987E2 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 D987E2 by changing the saturation by 10% instead.



 D987E2

 D987E2

FFFFFF

 BC6DC6

 FFBEFF

 A053AA

 FFDAFF

 853990

 FFF7FF

 6B1E76

 51005D

 370045

 21002E

 000118

 000000

 D987E2

 D987E2

 D770E2

 DB9EE2

 D55AE2

 DDB4E2

 D243E2

 E0CBE2

 D02DE2

 E2E1E2

 CE16E2

 E4F8E2

 CC00E2

 E6FFE2

 E9FFE2

 EBFEE2

 EDFFE2

# Harmonies

## Analogous

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



959CFF



D987E2



FC79B2

# Triad

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



D987E2



CB9F3A



00BECC

# Complementary

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



D987E2



90E287

# 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.



00BD98



D987E2



9AAE42

# Square

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



D987E2



F08B54



5AB866



00B9F6

# Rectangle

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



D987E2



FF7890



5AB866



00BEBB



# Sweetspot

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



D987E2



FCE0FF



8790E2



7E6E80



000000



808080



# Same Dimension

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



D987E2



F385FF



E287BE



6F6570



9F00B0



2C0030



# Inverse Universe

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



E28790



FF8591



87E2AB



706566



B00011

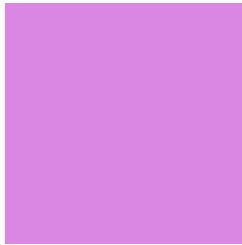


300005



# Previews

## White Background



This preview shows how the Hex color D987E2 looks on a white background.

## Color Contrast Check

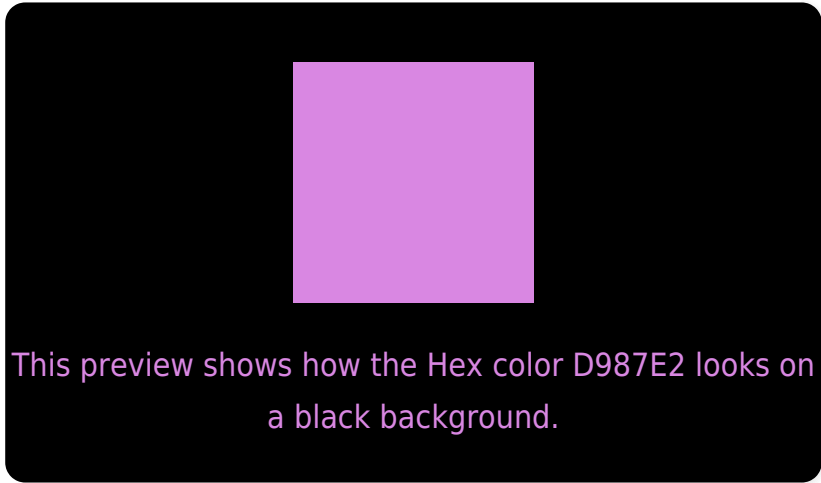
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

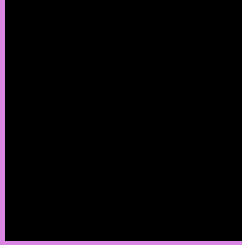
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D987E2 Background



This preview shows how black text looks on a background with the Hex color D987E2.

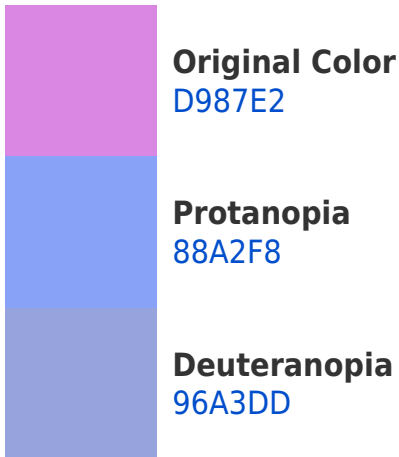


This preview shows how white text looks on a background with the Hex color D987E2.

# 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**  
D095A1

# Trichromacy



**Original Color**  
D987E2



**Protanomaly**  
A598F0



**Deuteranomaly**  
AE99DF

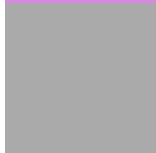


**Tritanomaly**  
D390B9

# Monochromacy



**Original Color**  
D987E2



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
BB9DBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D987E2 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 #D987E2 looks like.

```
.text, #text, p{  
    color:#D987E2  
}
```

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 #D987E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D987E2
}
```

## Border

The CSS property to change the border of an element to Hex D987E2 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
#D987E2 }
```

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

```
.border{ border-color:#D987E2 }
```

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

Here you see how a box with a 4 pixel #D987E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D987E2; -webkit-box-shadow:4px 4px  
4px 4px #D987E2; box-shadow:4px 4px 4px  
4px #D987E2 }
```

# Background

The CSS property to change the background color of an element to Hex D987E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D987E2 }
```

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

```
.background{ background-color:#D987E2 }
```

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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