

# Converting Colors

Hex(DE97E9)

Have a look what the booklet for  
Hex(DE97E9) contains.

<b>Hex(DE97E9)</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(DE97E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE97E9
RGB	222, 151, 233
RGB Percent	87%, 59%, 91%
CMY	0.1294, 0.4078, 0.0863
CMYK	0.05, 0.35, 0.00, 0.09
HSL	292°, 65%, 75%
HSV	292°, 35%, 91%
XYZ	55.8988, 43.5460, 82.5498
YIQ	181.5770, 15.9940, 40.5540

# Conversions

## Conversions Part 2

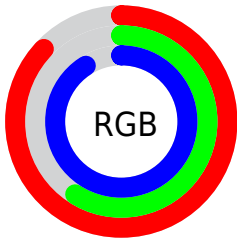
Format	Color
R <sub>Y</sub> B	222, 151, 233
Decimal	14587881
CIE Lab	71.92, 39.93, -30.77
CIE LCh	72, 50.414, 322.379
Yxy	43.5460, 0.3071, 0.2393
Android (android.graphics.Color)	4292777961 (0xFFDE97E9)
YUV	181.5770, 25.3515, 35.4510
Hunter-Lab	65.9894, 35.7237, -27.9766

# Details

The Hex color **DE97E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A2E997**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFCEFF**, and **A663B1** is the 20% darker color. If you saturate the color by 10%, you get **DB80E9**, and if you desaturate by 10%, it is **E1AEE9**.

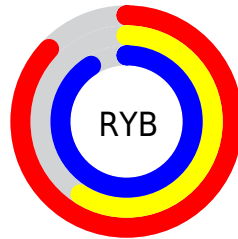
# Distribution



Red (87%)

Green (59%)

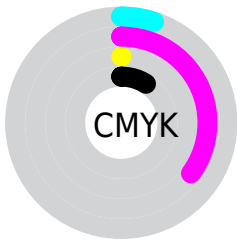
Blue (91%)



Red (87%)

Yellow (59%)

Blue (91%)

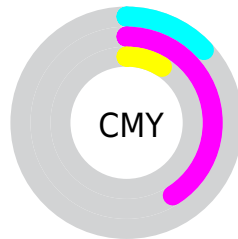


Cyan (5%)

Magenta (35%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (41%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE97E9 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 DE97E9 by changing the saturation by 10% instead.



 DE97E9

FFFFFF

 FFCEFF

 FFE8FF

 DE97E9

 C17CCD

 A663B1

 8A4996

 70317C

 561763

 3D004B

 270034

 00001E

 000000

 DE97E9

 DE97E9

 DB80E9

 E1AEE9

 D868E9

 E4C6E9

 D551E9

 E7DDE9

 D13AE9

 EBF4E9

 CE23E9

 EEFFE9

 CB0BE9

 F1FFE9

 CA00E9

 F4FFE9

 F7FFE9

 FAFFE9

# Harmonies

## Analogous

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



A1A9FF



DE97E9



FF8BBE

# Triad

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



DE97E9



D6AA53



00C8D2

# Complementary

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



DE97E9



A2E997

# 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.



06C7A3



DE97E9



AAB858

# Square

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



DE97E9



F79969



73C276



00C3F8

# Rectangle

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



DE97E9



FF8A9F



73C276



00C8C2



# Sweetspot

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



DE97E9



FBE3FF



97A3E9



7D6F80



000000



808080



# Same Dimension

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



DE97E9



F194FF



E997CC



746A75



9D00B5



2E0036



# Inverse Universe

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



E997A2



FF94A2



97E9B4



756A6B



B50018

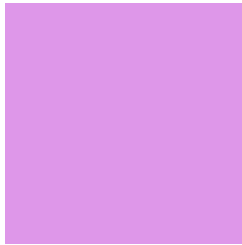


360007



# Previews

## White Background



This preview shows how the Hex color DE97E9 looks on a white background.

## Color Contrast Check

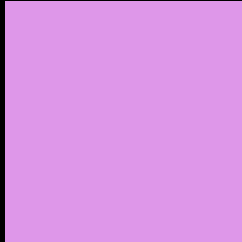
Large Text (above 18pt) WCAG AA × Fail

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 DE97E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

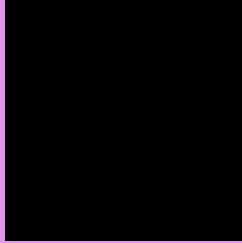
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE97E9 Background



This preview shows how black text looks on a background with the Hex color DE97E9.

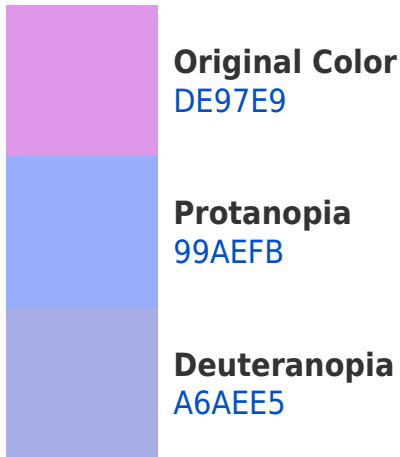


This preview shows how white text looks on a background with the Hex color DE97E9.

# 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**  
D6A3AF

# Trichromacy



**Original Color**  
DE97E9



**Protanomaly**  
B2A6F4



**Deuteranomaly**  
BAA6E6



**Tritanomaly**  
D99FC4

# Monochromacy



**Original Color**  
DE97E9



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
C5ABC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE97E9 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 #DE97E9 looks like.

```
.text, #text, p{  
    color:#DE97E9  
}
```

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 #DE97E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE97E9
}
```

## Border

The CSS property to change the border of an element to Hex DE97E9 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
#DE97E9 }
```

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

```
.border{ border-color:#DE97E9 }
```

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

Here you see how a box with a 4 pixel #DE97E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE97E9; -webkit-box-shadow:4px 4px  
4px 4px #DE97E9; box-shadow:4px 4px 4px  
4px #DE97E9 }
```

# Background

The CSS property to change the background color of an element to Hex DE97E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE97E9 }
```

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

```
.background{ background-color:#DE97E9 }
```

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