

# Converting Colors

Hex(DD87CD)

Have a look what the booklet for  
Hex(DD87CD) contains.

|  |    |
|--|----|
| <b>Hex(DD87CD)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(DD87CD)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DD87CD                     |
| RGB           | 221, 135, 205              |
| RGB Percent   | 87%, 53%, 80%              |
| CMY           | 0.1333, 0.4706, 0.1961     |
| CMYK          | 0.00, 0.39, 0.07, 0.13     |
| HSL           | 311°, 56%, 70%             |
| HSV           | 311°, 39%, 87%             |
| XYZ           | 49.5022, 37.1079, 62.3111  |
| YIQ           | 168.6940, 28.7860, 40.0020 |

# Conversions

## Conversions Part 2

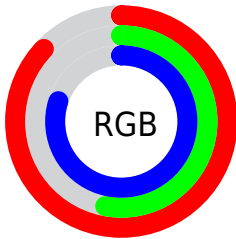
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 221, 135, 205                 |
| Decimal                             | 14518221                      |
| CIE Lab                             | 67.36, 42.98, -22.33          |
| CIE LCh                             | 67, 48.435, 332.551           |
| Yxy                                 | 37.1079, 0.3324,<br>0.2492    |
| Android<br>(android.graphics.Color) | 4292708301<br>(0xFFDD87CD)    |
| YUV                                 | 168.6940, 17.8989,<br>45.8724 |
| Hunter-Lab                          | 60.9162, 38.4506,<br>-18.0063 |

# Details

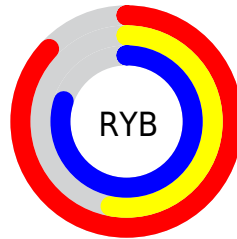
The Hex color **DD87CD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87DD97**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBEFF**, and **A45397** is the 20% darker color. If you saturate the color by 10%, you get **DD71C9**, and if you desaturate by 10%, it is **DD9DD1**.

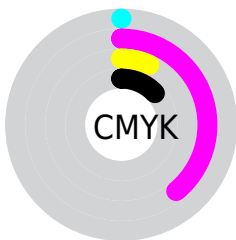
# Distribution



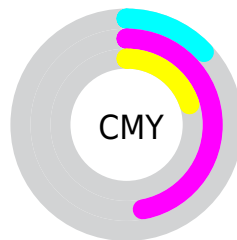
- Red (87%)
- Green (53%)
- Blue (80%)



- Red (87%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD87CD 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 DD87CD by changing the saturation by 10% instead.



 DD87CD

FFFFFF

 FFBEFF

 FFDAFF

 FFF7FF

 DD87CD

 C06DB1

 A45397

 89397D

 6E1F64

 54004B

 3B0034

 25001F

 000001

 000000

 DD87CD

 DD87CD

 DD71C9

 DD9DD1

 DD5BC5

 DDB3D5

 DD45C1

 DDC9D9

 DD2FBD

 DDDFDD

 DD18B8

 DDF6E2

 DD02B4

 DDFE6

 DD00B4

 DDFEA

 DDFEE

 DFFF2

# Harmonies

## Analogous

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



AC97EE



DD87CD



F47FA2

# Triad

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



DD87CD



BAA34A



00B9D2

# Complementary

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



DD87CD



87DD97

# 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.



00BAA6



DD87CD



8DAF58

# Square

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



DD87CD



DE9357



54B77A



00B3F1

# Rectangle

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



DD87CD



F68185



54B77A



00BAC4



# Sweetspot

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



DD87CD



FFE0F9



9787DD



806E7C



000000



808080



# Same Dimension

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



DD87CD



FF87E9



DD87A2



6E636C



AD008D



2E0025



# Inverse Universe

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



DD87CD



FF87E9



87DDC2



6E636C



AD008D

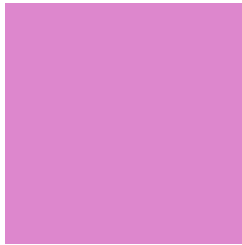


2E0025



# Previews

## White Background



This preview shows how the Hex color DD87CD looks on a white background.

## Color Contrast Check

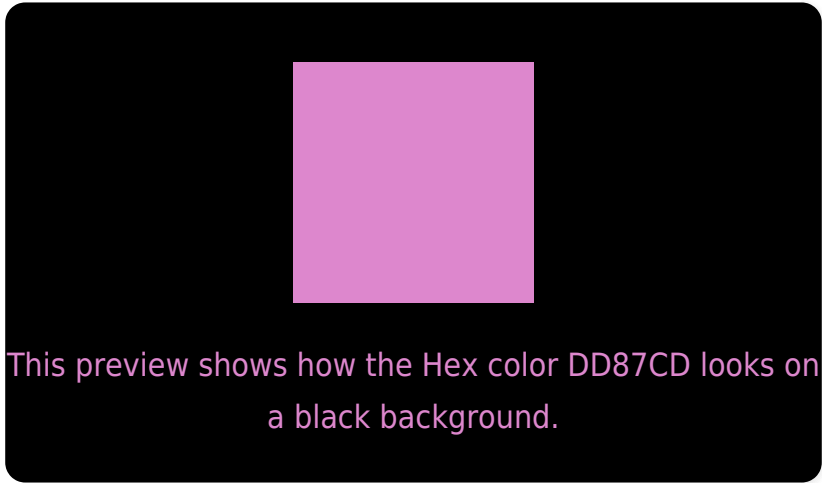
Large Text (above 18pt) WCAG AA × Fail

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 DD87CD Background



This preview shows how black text looks on a background with the Hex color DD87CD.

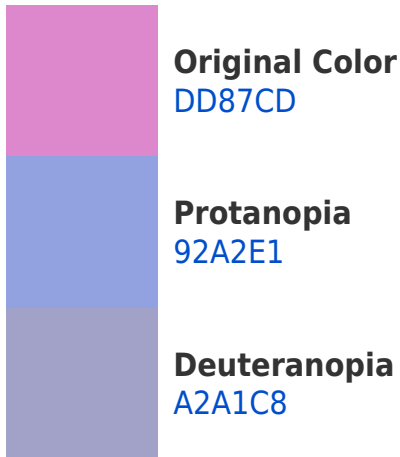



This preview shows how white text looks on a background with the Hex color DD87CD.

# 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**  
D7919C

# Trichromacy



**Original Color**  
DD87CD



**Protanomaly**  
AD98DA



**Deuteranomaly**  
B798CA

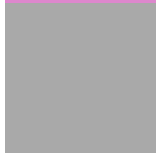


**Tritanomaly**  
D98DAE

# Monochromacy



**Original Color**  
DD87CD



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
BC9DB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD87CD 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 #DD87CD looks like.

```
.text, #text, p{  
    color:#DD87CD  
}
```

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 #DD87CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD87CD
}
```

## Border

The CSS property to change the border of an element to Hex DD87CD 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
#DD87CD }
```

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

```
.border{ border-color:#DD87CD }
```

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

Here you see how a box with a 4 pixel #DD87CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD87CD; -webkit-box-shadow:4px 4px  
4px 4px #DD87CD; box-shadow:4px 4px 4px  
4px #DD87CD }
```

# Background

The CSS property to change the background color of an element to Hex DD87CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD87CD }
```

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

```
.background{ background-color:#DD87CD }
```

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