

Converting Colors

Hex(D87DD0)

Have a look what the booklet for
Hex(D87DD0) contains.

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Color

Hex(D87DD0)

Conversions

Conversions Part 1

Format	Color
Hex	D87DD0
RGB	216, 125, 208
RGB Percent	85%, 49%, 82%
CMY	0.1529, 0.5098, 0.1843
CMYK	0.00, 0.42, 0.04, 0.15
HSL	305°, 54%, 67%
HSV	305°, 42%, 85%
XYZ	47.0377, 33.8202, 63.7233
YIQ	161.6710, 27.5930, 45.1050

Conversions

Conversions Part 2

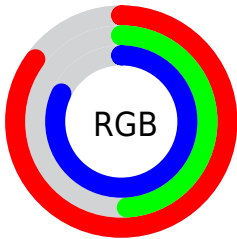
Format	Color
R_{YB}	216, 125, 208
Decimal	14187984
CIE _{Lab}	64.82, 47.13, -27.95
CIE _{LCh}	65, 54.796, 329.334
Yxy	33.8202, 0.3253, 0.2339
Android (android.graphics.Color)	4292378064 (0xFFD87DD0)
YUV	161.6710, 22.8402, 47.6465
Hunter-Lab	58.1552, 42.6048, -24.2582

Details

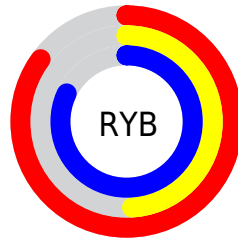
The Hex color **D87DD0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DD885**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB4FF**, and **9F4899** is the 20% darker color. If you saturate the color by 10%, you get **D867CE**, and if you desaturate by 10%, it is **D893D2**.

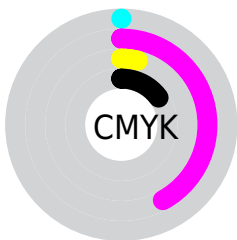
Distribution



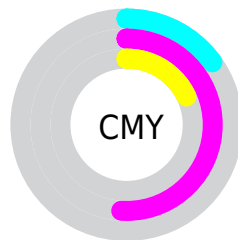
- Red (85%)
- Green (49%)
- Blue (82%)



- Red (85%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87DD0 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 D87DD0 by changing the saturation by 10% instead.

 D87DD0

 D87DD0

FFFFFF

 BB63B4

 FFB4FF

 9F4899

 FFD0FF

 842E7F

 FFEDFF

 691066

 4F004E

 360036

 1E0021

 000004

 000000

 D87DD0

 D87DD0

 D867CE

 D893D2

 D852CC

 D8A8D4

 D83CCA

 D8BED6

 D827C8

 D8D3D8

 D811C7

 D8E9D9

 D800C5

 D8FFDB

 D8FFDD

 D8FFDF

 D8FFE1

Harmonies

Analogous

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



9D91F3



D87DD0



F472A0

Triad

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



D87DD0



B99A35



00B5CC

Complementary

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



D87DD0



7DD885

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.



00B59B



D87DD0



88A843

Square

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



D87DD0



DF8849



45B169



00AFF1

Rectangle

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



D87DD0



F87380



45B169



00B5BC

Sweetspot

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



D87DD0



FFDEFC



857DD8



806B7E



000000



808080

Same Dimension

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



D87DD0



FF7DF4



D87DA3



6B606A



AB009C



2B0028

Inverse Universe

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



D87DD0



FF7DF4



7DD8B2



6B606A



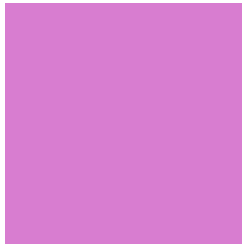
AB009C



2B0028

Previews

White Background



This preview shows how the Hex color D87DD0 looks on a white background.

Color Contrast Check

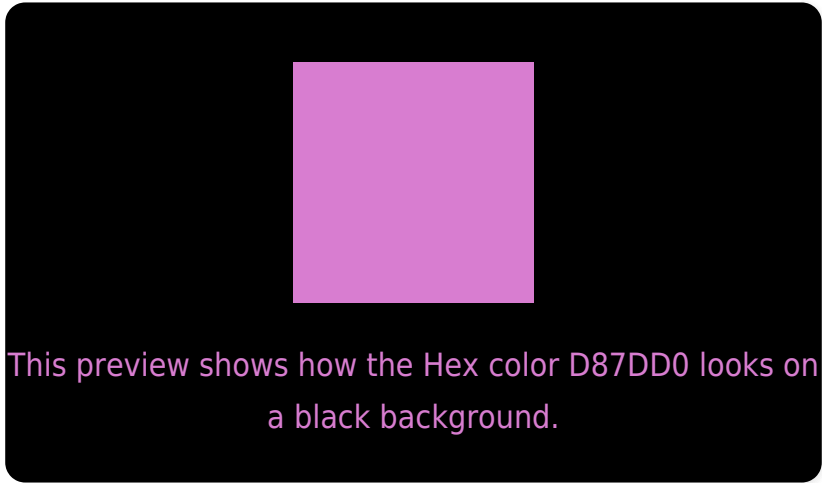
Large Text (above 18pt) WCAG AA × Fail

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 D87DD0 Background



This preview shows how black text looks on a background with the Hex color D87DD0.

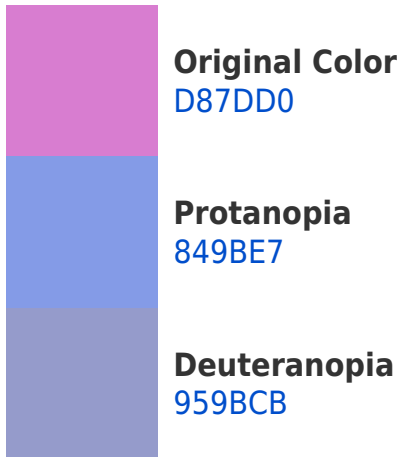



This preview shows how white text looks on a background with the Hex color D87DD0.

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
D18A94

Trichromacy



Original Color
D87DD0



Protanomaly
A390DF



Deuteranomaly
AD90CD

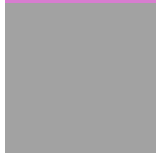


Tritanomaly
D485AA

Monochromacy



Original Color
D87DD0



Achromatopsia
A2A2A2



Achromatomaly
B695B3

CSS Examples

Text

The CSS property to change the color of the text to Hex D87DD0 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 #D87DD0 looks like.

```
.text, #text, p{  
    color:#D87DD0  
}
```

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 #D87DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87DD0
}
```

Border

The CSS property to change the border of an element to Hex D87DD0 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
#D87DD0 }
```

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

```
.border{ border-color:#D87DD0 }
```

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

Here you see how a box with a 4 pixel #D87DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87DD0; -webkit-box-shadow:4px 4px  
4px 4px #D87DD0; box-shadow:4px 4px 4px  
4px #D87DD0 }
```

Background

The CSS property to change the background color of an element to Hex D87DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87DD0 }
```

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

```
.background{ background-color:#D87DD0 }
```

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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