

Converting Colors

Hex(D87CCC)

Have a look what the booklet for
Hex(D87CCC) contains.

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Color

Hex(D87CCC)

Conversions

Conversions Part 1

Format	Color
Hex	D87CCC
RGB	216, 124, 204
RGB Percent	85%, 49%, 80%
CMY	0.1529, 0.5137, 0.2000
CMYK	0.00, 0.43, 0.06, 0.15
HSL	308°, 54%, 67%
HSV	308°, 43%, 85%
XYZ	46.4256, 33.3739, 61.1216
YIQ	160.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

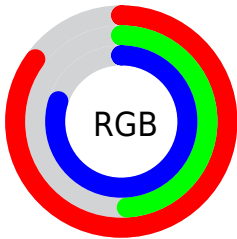
Format	Color
RYB	216, 124, 204
Decimal	14187724
CIELab	64.46, 46.95, -26.26
CIElCh	64, 53.792, 330.785
Yxy	33.3739, 0.3294, 0.2368
Android (android.graphics.Color)	4292377804 (0xFFD87CCC)
YUV	160.6280, 21.3824, 48.5612
Hunter-Lab	57.7701, 42.3497, -22.2906

Details

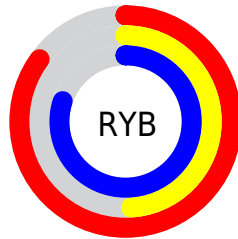
The Hex color **D87CCC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CD888**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB3FF**, and **9F4796** is the 20% darker color. If you saturate the color by 10%, you get **D866C9**, and if you desaturate by 10%, it is **D892CF**.

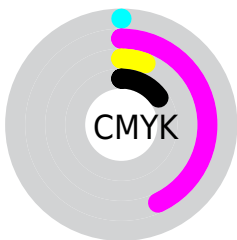
Distribution



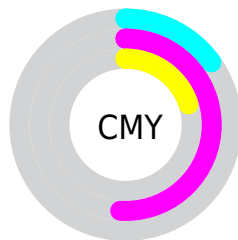
- Red (85%)
- Green (49%)
- Blue (80%)



- Red (85%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87CCC 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 D87CCC by changing the saturation by 10% instead.

 D87CCC

 D87CCC

FFFFFF

 BB62B0

 FFB3FF

 9F4796

 FFCFFF

 842D7C

 FFECCF

 690F62

 4F004A

 360033

 1D001E

 000000

 D87CCC

 D87CCC

 D866C9

 D892CF

 D851C6

 D8A7D2

 D83BC4

 D8BDD4

 D826C1

 D8D2D7

 D810BE

 D8E8DA

 D800BC

 D8FEDD

 D8FFE0

 D8FFE3

 D8FFE5

Harmonies

Analogous

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



A08FEF



D87CCC



F3729D

Triad

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



D87CCC



B69A37



00B3CC

Complementary

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



D87CCC



7CD888

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.



00B49C



D87CCC



85A845

Square

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



D87CCC



DC8848



42B06B



00ADEF

Rectangle

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



D87CCC



F5747D



42B06B



00B4BD

Sweetspot

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



D87CCC



FFDEFB



877CD8



806B7D



000000



808080

Same Dimension

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



D87CCC



FF7DEE



D87C9F



6B606A



AB0095



2B0026

Inverse Universe

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



D87CCC



FF7DEE



7CD8B5



6B606A



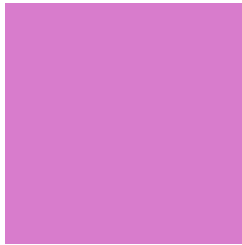
AB0095



2B0026

Previews

White Background



This preview shows how the Hex color D87CCC looks on a white background.

Color Contrast Check

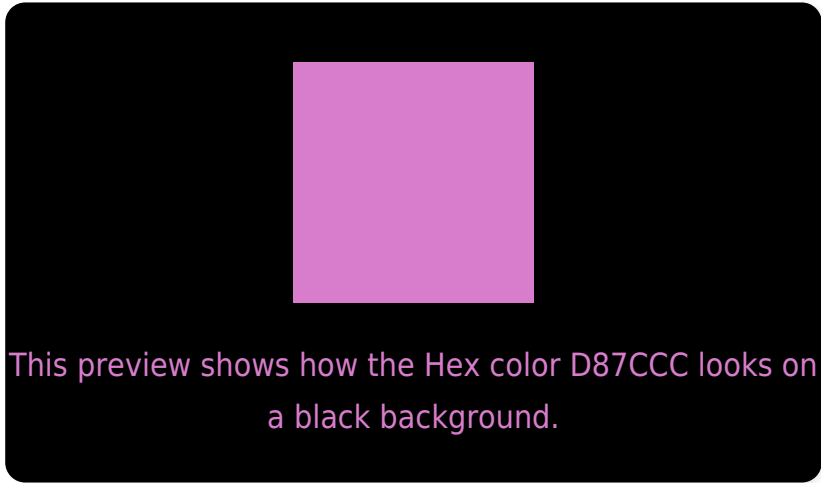
Large Text (above 18pt) WCAG AA × Fail

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 D87CCC Background



This preview shows how black text looks on a background with the Hex color D87CCC.

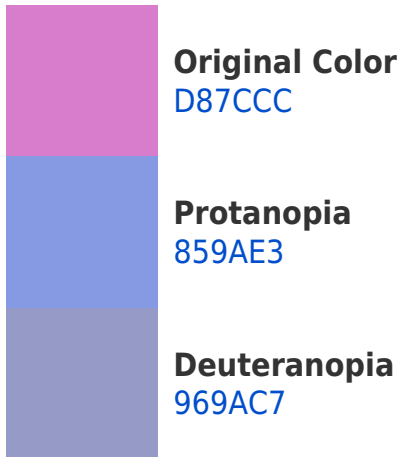



This preview shows how white text looks on a background with the Hex color D87CCC.

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
D18893

Trichromacy



Original Color
D87CCC



Protanomaly
A38FDB



Deuteranomaly
AE8FC9

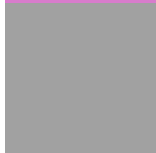


Tritanomaly
D484A8

Monochromacy



Original Color
D87CCC



Achromatopsia
A1A1A1



Achromatomaly
B594B1

CSS Examples

Text

The CSS property to change the color of the text to Hex D87CCC 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 #D87CCC looks like.

```
.text, #text, p{  
    color:#D87CCC  
}
```

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 #D87CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87CCC
}
```

Border

The CSS property to change the border of an element to Hex D87CCC 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
#D87CCC }
```

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

```
.border{ border-color:#D87CCC }
```

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

Here you see how a box with a 4 pixel #D87CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87CCC; -webkit-box-shadow:4px 4px  
4px 4px #D87CCC; box-shadow:4px 4px 4px  
4px #D87CCC }
```

Background

The CSS property to change the background color of an element to Hex D87CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87CCC }
```

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

```
.background{ background-color:#D87CCC }
```

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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