

Converting Colors

Hex(D87AAE)

Have a look what the booklet for
Hex(D87AAE) contains.

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Color

Hex(D87AAE)

Conversions

Conversions Part 1

Format	Color
Hex	D87AAE
RGB	216, 122, 174
RGB Percent	85%, 48%, 68%
CMY	0.1529, 0.5216, 0.3176
CMYK	0.00, 0.44, 0.19, 0.15
HSL	327°, 55%, 66%
HSV	327°, 44%, 85%
XYZ	42.9184, 31.5740, 43.8767
YIQ	156.0340, 39.3320, 36.1000

Conversions

Conversions Part 2

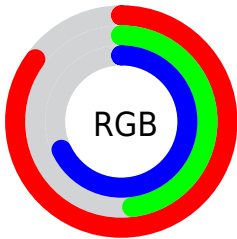
Format	Color
R _Y B	216, 122, 174
Decimal	14187182
CIE Lab	62.99, 43.12, -11.54
CIE LCh	63, 44.640, 345.022
Yxy	31.5740, 0.3626, 0.2667
Android (android.graphics.Color)	4292377262 (0xFFD87AAE)
YUV	156.0340, 8.8572, 52.5902
Hunter-Lab	56.1907, 38.0043, -6.9633

Details

The Hex color **D87AAE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7AD8A4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB0E5**, and **9F467A** is the 20% darker color. If you saturate the color by 10%, you get **D864A4**, and if you desaturate by 10%, it is **D890B8**.

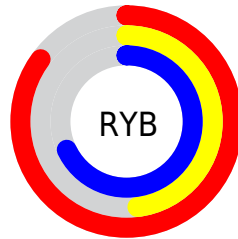
Distribution



Red (85%)

Green (48%)

Blue (68%)



Red (85%)

Yellow (48%)

Blue (68%)

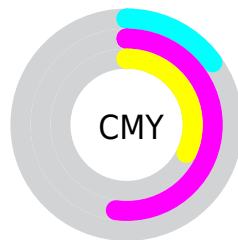


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87AAE 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 D87AAE by changing the saturation by 10% instead.

 D87AAE

 D87AAE

FFFFFF

 BB6093

 FFB0E5

 9F467A

 FFCCFF

 842C61

 FFE9FF

 690F49

 4F0032

 36001E

 1A0001

 000000

 D87AAE

 D87AAE

 D864A4

 D890B8

 D84F9B

 D8A5C1

 D83991

 D8BBCB

 D82487

 D8D0D5

 D80E7E

 D8E6DE

 D80077

 D8FCE8

 D8FFF2

 D8FFFB

 D8FFFF

Harmonies

Analogous

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



B586D1



D87AAE



E47886

Triad

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



D87AAE



9D9C49



00AAD0

Complementary

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



D87AAE



7AD8A4

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.



00ADAC



D87AAE



70A65E

Square

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



D87AAE



C18F4B



31AB83



01A2E5

Rectangle

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



D87AAE



E07D6D



31AB83



00ABC5

Sweetspot

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



D87AAE



FFDEF0



A37AD8



806B76



000000



808080

Same Dimension

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



D87AAE



FF7AC4



D87A80



6B6066



AB005F



2B0018

Inverse Universe

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



D87AAE



FF7AC4



7AD8D2



6B6066



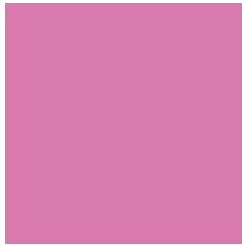
AB005F



2B0018

Previews

White Background



This preview shows how the Hex color D87AAE looks on a white background.

Color Contrast Check

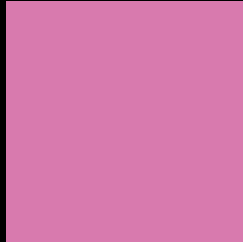
Large Text (above 18pt) WCAG AA × Fail

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 D87AAE 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 D87AAE Background



This preview shows how black text looks on a background with the Hex color D87AAE.

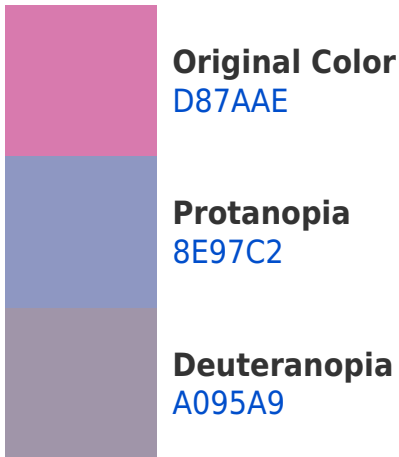



This preview shows how white text looks on a background with the Hex color D87AAE.

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
D4818A

Trichromacy



Original Color
D87AAE



Protanomaly
A98CBB



Deuteranomaly
B48BAB

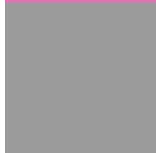


Tritanomaly
D57E97

Monochromacy



Original Color
D87AAE



Achromatopsia
9C9C9C



Achromatomaly
B290A3

CSS Examples

Text

The CSS property to change the color of the text to Hex D87AAE 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 #D87AAE looks like.

```
.text, #text, p{  
  color:#D87AAE  
}
```

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 #D87AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87AAE
}
```

Border

The CSS property to change the border of an element to Hex D87AAE 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
#D87AAE }
```

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

```
.border{ border-color:#D87AAE }
```

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

Here you see how a box with a 4 pixel #D87AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87AAE; -webkit-box-shadow:4px 4px  
4px 4px #D87AAE; box-shadow:4px 4px 4px  
4px #D87AAE }
```

Background

The CSS property to change the background color of an element to Hex D87AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87AAE }
```

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

```
.background{ background-color:#D87AAE }
```

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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