

Converting Colors

Hex(DC87AA)

Have a look what the booklet for
Hex(DC87AA) contains.

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Color

Hex(DC87AA)

Conversions

Conversions Part 1

Format	Color
Hex	DC87AA
RGB	220, 135, 170
RGB Percent	86%, 53%, 67%
CMY	0.1373, 0.4706, 0.3333
CMYK	0.00, 0.39, 0.23, 0.14
HSL	335°, 55%, 70%
HSV	335°, 39%, 86%
XYZ	45.4349, 35.4459, 42.4773
YIQ	164.4050, 39.4250, 28.9050

Conversions

Conversions Part 2

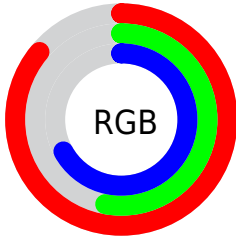
Format	Color
R _Y B	220, 135, 170
Decimal	14452650
CIE Lab	66.09, 37.09, -4.60
CIE LCh	66, 37.378, 352.937
Yxy	35.4459, 0.3683, 0.2873
Android (android.graphics.Color)	4292642730 (0xFFDC87AA)
YUV	164.4050, 2.7583, 48.7568
Hunter-Lab	59.5364, 32.0324, -0.6259

Details

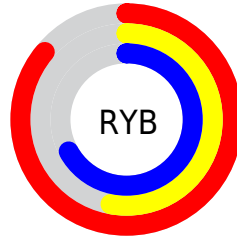
The Hex color **DC87AA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87DCB9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBDE1**, and **A35376** is the 20% darker color. If you saturate the color by 10%, you get **DC719D**, and if you desaturate by 10%, it is **DC9DB7**.

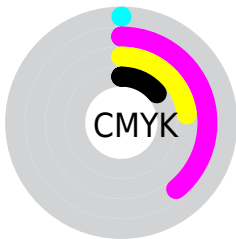
Distribution



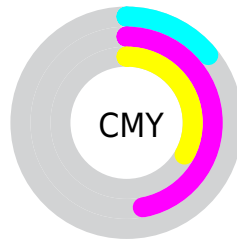
- Red (86%)
- Green (53%)
- Blue (67%)



- Red (86%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC87AA 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 DC87AA by changing the saturation by 10% instead.

 DC87AA

 DC87AA

FFFFFF

 BF6D90

 FFBDE1

 A35376

 FFDAFE

 883A5D

 FFF7FF

 6D2146

 53042F

 39001B

 220001

 000000

 DC87AA

 DC87AA

 DC719D

 DC9DB7

 DC5B90

 DCB3C4

 DC4583

 DCC9D1

 DC2F76

 DCDFDE

 DC1969

 DCF5EB

 DC035C

 DCFFF8

 DC005B

 DCFFFF

Harmonies

Analogous

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



C38FC9



DC87AA



E28888

Triad

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



DC87AA



9CA762



19AED5

Complementary

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



DC87AA



87DCB9

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.



00B2BA



DC87AA



75AE77

Square

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



DC87AA



BE9C5E



48B297



60A6E3

Rectangle

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



DC87AA



DC8D74



48B297



00B0CD

Sweetspot

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



DC87AA



FFE0ED



B987DC



806E75



000000



808080

Same Dimension

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



DC87AA



FF8ABA



DC8E87



6E6367



AD0047



2E0013

Inverse Universe

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



DC87AA



FF8ABA



87D5DC



6E6367



AD0047



2E0013

Previews

White Background



This preview shows how the Hex color DC87AA looks on a white background.

Color Contrast Check

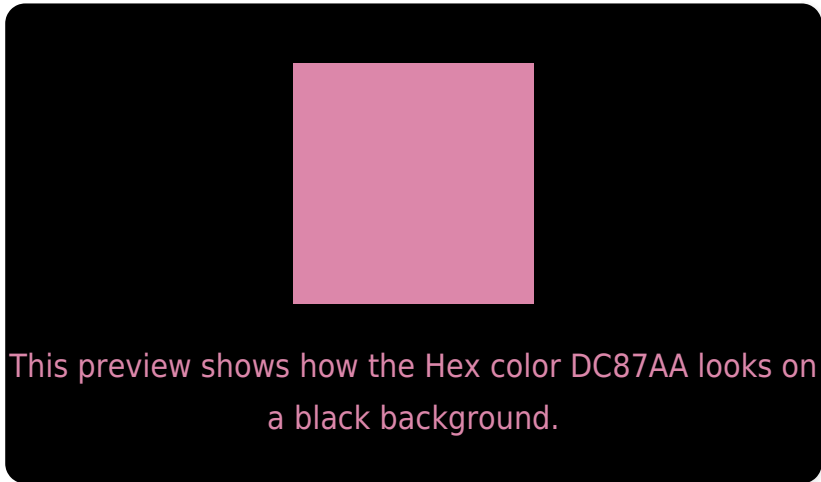
Large Text (above 18pt) WCAG AA × Fail

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 DC87AA Background



This preview shows how black text looks on a background with the Hex color DC87AA.



This preview shows how white text looks on a background with the Hex color DC87AA.

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



Original Color
DC87AA

Protanopia
9DA0BA

Deuteranopia
AE9CA6



Tritanopia
DA8B95

Trichromacy



Original Color
DC87AA



Protanomaly
B497B4



Deuteranomaly
BF94A7

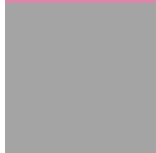


Tritanomaly
DB8A9D

Monochromacy



Original Color
DC87AA



Achromatopsia
A4A4A4



Achromatomaly
B899A6

CSS Examples

Text

The CSS property to change the color of the text to Hex DC87AA 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 #DC87AA looks like.

```
.text, #text, p{  
  color:#DC87AA  
}
```

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 #DC87AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC87AA
}
```

Border

The CSS property to change the border of an element to Hex DC87AA 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
#DC87AA }
```

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

```
.border{ border-color:#DC87AA }
```

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

Here you see how a box with a 4 pixel #DC87AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC87AA; -webkit-box-shadow:4px 4px  
4px 4px #DC87AA; box-shadow:4px 4px 4px  
4px #DC87AA }
```

Background

The CSS property to change the background color of an element to Hex DC87AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC87AA }
```

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

```
.background{ background-color:#DC87AA }
```

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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