

Converting Colors

Hex(DC87BC)

Have a look what the booklet for
Hex(DC87BC) contains.

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Color

Hex(DC87BC)

Conversions

Conversions Part 1

Format	Color
Hex	DC87BC
RGB	220, 135, 188
RGB Percent	86%, 53%, 74%
CMY	0.1373, 0.4706, 0.2627
CMYK	0.00, 0.39, 0.15, 0.14
HSL	323°, 55%, 70%
HSV	323°, 39%, 86%
XYZ	47.2563, 36.1744, 52.0686
YIQ	166.4570, 33.6470, 34.5030

Conversions

Conversions Part 2

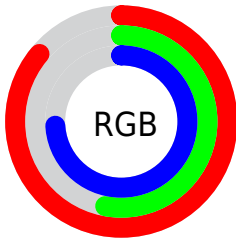
Format	Color
R_{YB}	220, 135, 188
Decimal	14452668
CIE _{Lab}	66.65, 39.84, -13.89
CIE _{LCh}	67, 42.195, 340.775
Yxy	36.1744, 0.3488, 0.2670
Android (android.graphics.Color)	4292642748 (0xFFDC87BC)
YUV	166.4570, 10.6207, 46.9572
Hunter-Lab	60.1452, 34.9940, -9.2267

Details

The Hex color **DC87BC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87DCA7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBEF4**, and **A35387** is the 20% darker color. If you saturate the color by 10%, you get **DC71B4**, and if you desaturate by 10%, it is **DC9DC4**.

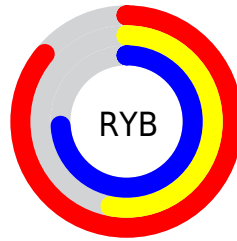
Distribution



Red (86%)

Green (53%)

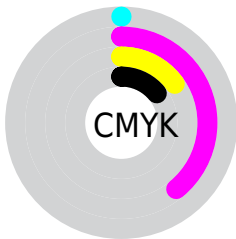
Blue (74%)



Red (86%)

Yellow (53%)

Blue (74%)

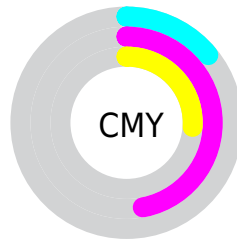


Cyan (0%)

Magenta (39%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC87BC 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 DC87BC by changing the saturation by 10% instead.

 DC87BC

 DC87BC

FFFFFF

 BF6DA1

 FFBEF4

 A35387

 FFDAFF

 883A6D

 FFF7FF

 6D2055

 53013E

 3A0028

 240013

 000000

 DC87BC

 DC87BC

 DC71B4

 DC9DC4

 DC5BAB

 DCB3CD

 DC45A3

 DCC9D5

 DC2F9B

 DCDFDD

 DC1993

 DCF5E5

 DC038A

 DCFFEE

 DC0089

 DCFFF6

 DCFFFE

 DCFFFF

Harmonies

Analogous

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



B893DC



DC87BC



EB8496

Triad

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



DC87BC



ADA456



00B4D3

Complementary

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



DC87BC



87DCA7

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.



00B6AF



DC87BC



83AE67

Square

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



DC87BC



CE975A



50B488



28ADE9

Rectangle

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



DC87BC



E9877D



50B488



00B5C8

Sweetspot

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



DC87BC



FFE0F3



A687DC



806E79



000000



808080

Same Dimension

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



DC87BC



FF8AD3



DC8792



6E636A



AD006C



2E001D

Inverse Universe

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



DC87BC



FF8AD3



87DCD1



6E636A



AD006C



2E001D

Previews

White Background



This preview shows how the Hex color DC87BC looks on a white background.

Color Contrast Check

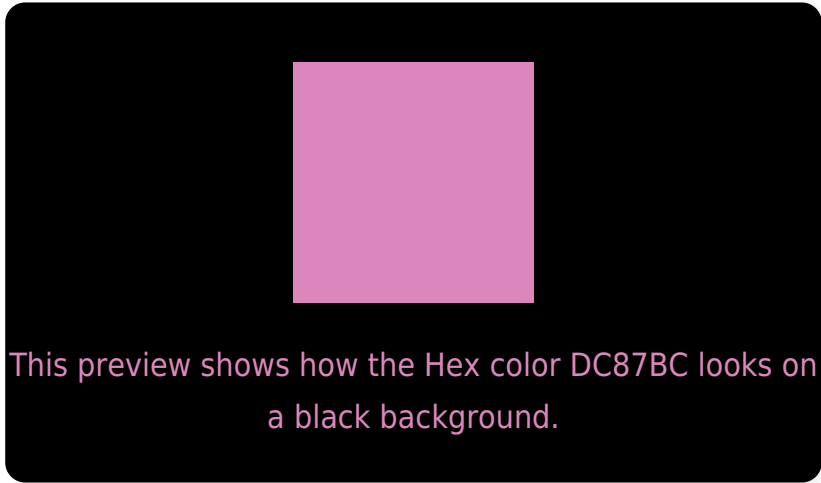
Large Text (above 18pt) WCAG AA × Fail

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

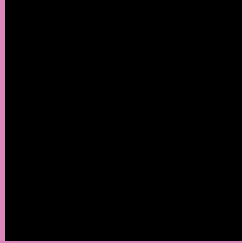
Any Text WCAG AA ✓ Pass

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 DC87BC Background



This preview shows how black text looks on a background with the Hex color DC87BC.



This preview shows how white text looks on a background with the Hex color DC87BC.

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
D88E98

Trichromacy



Original Color
DC87BC



Protanomaly
B098C7



Deuteranomaly
BB96B9

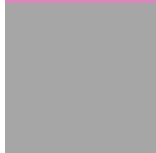


Tritanomaly
D98BA5

Monochromacy



Original Color
DC87BC



Achromatopsia
A6A6A6



Achromatomaly
BA9BAE

CSS Examples

Text

The CSS property to change the color of the text to Hex DC87BC 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 #DC87BC looks like.

```
.text, #text, p{  
    color:#DC87BC  
}
```

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 #DC87BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC87BC }  
}
```

Border

The CSS property to change the border of an element to Hex DC87BC 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 #DC87BC }  
}
```

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

```
.border{ border-color:#DC87BC }
```

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

Here you see how a box with a 4 pixel #DC87BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC87BC; -webkit-box-shadow:4px 4px  
4px 4px #DC87BC; box-shadow:4px 4px 4px  
4px #DC87BC }
```

Background

The CSS property to change the background color of an element to Hex DC87BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC87BC }
```

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

```
.background{ background-color:#DC87BC }
```

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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