

Converting Colors

Hex(DF87C7)

Have a look what the booklet for
Hex(DF87C7) contains.

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Color

Hex(DF87C7)

Conversions

Conversions Part 1

Format	Color
Hex	DF87C7
RGB	223, 135, 199
RGB Percent	87%, 53%, 78%
CMY	0.1255, 0.4706, 0.2196
CMYK	0.00, 0.39, 0.11, 0.13
HSL	316°, 58%, 70%
HSV	316°, 39%, 87%
XYZ	49.4042, 37.1394, 58.5976
YIQ	168.6080, 31.9040, 38.5600

Conversions

Conversions Part 2

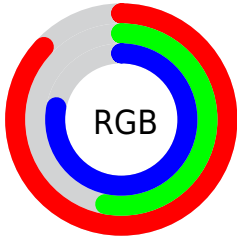
Format	Color
R_{YB}	223, 135, 199
Decimal	14649287
CIE _{Lab}	67.38, 42.61, -18.92
CIE _{LCh}	67, 46.626, 336.060
Yxy	37.1394, 0.3404, 0.2559
Android (android.graphics.Color)	4292839367 (0xFFDF87C7)
YUV	168.6080, 14.9833, 47.7018
Hunter-Lab	60.9421, 38.0565, -14.3495

Details

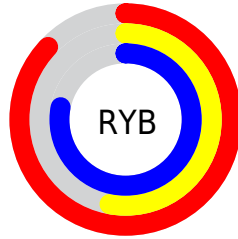
The Hex color **DF87C7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87DF9F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBEFF**, and **A65391** is the 20% darker color. If you saturate the color by 10%, you get **DF71C1**, and if you desaturate by 10%, it is **DF9DCD**.

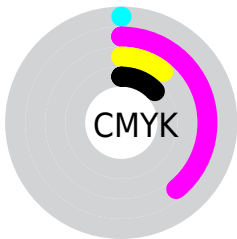
Distribution



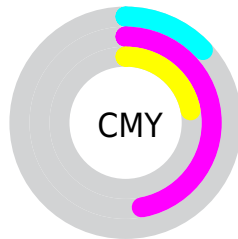
- Red (87%)
- Green (53%)
- Blue (78%)



- Red (87%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF87C7 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 DF87C7 by changing the saturation by 10% instead.

 DF87C7

 DF87C7

FFFFFF

 C26DAC

 FFBEFF

 A65391

 FFDAFF

 8B3977

 FFF7FF

 701F5E

 560047

 3D0030

 26001B

 000000

 DF87C7

 DF87C7

 DF71C1

 DF9DCD

 DF5ABB

 DFB4D3

 DF44B5

 DFCAD9

 DF2EAF

 DFE0DF

 DF18A9

 DFF7E5

 DF01A3

 DFFFEB

 DF00A2

 DFFFF2

 DFFFF8

 DFFFFE

Harmonies

Analogous

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



B396E8



DF87C7



F3819D

Triad

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



DF87C7



B5A44E



00B8D4

Complementary

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



DF87C7



87DF9F

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.



00BAAC



DF87C7



89B05E

Square

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



DF87C7



D99657



50B780



00B2F0

Rectangle

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



DF87C7



F38481



50B780



00B9C8

Sweetspot

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



DF87C7



FFE0F7



9E87DF



806E7B



000000



808080

Same Dimension

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



DF87C7



FF87DE



DF879C



70656D



B00080



300023

Inverse Universe

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



DF87C7



FF87DE



87DFCA



70656D



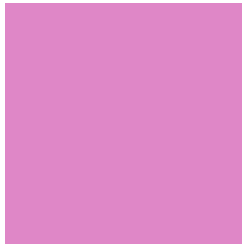
B00080



300023

Previews

White Background



This preview shows how the Hex color DF87C7 looks on a white background.

Color Contrast Check

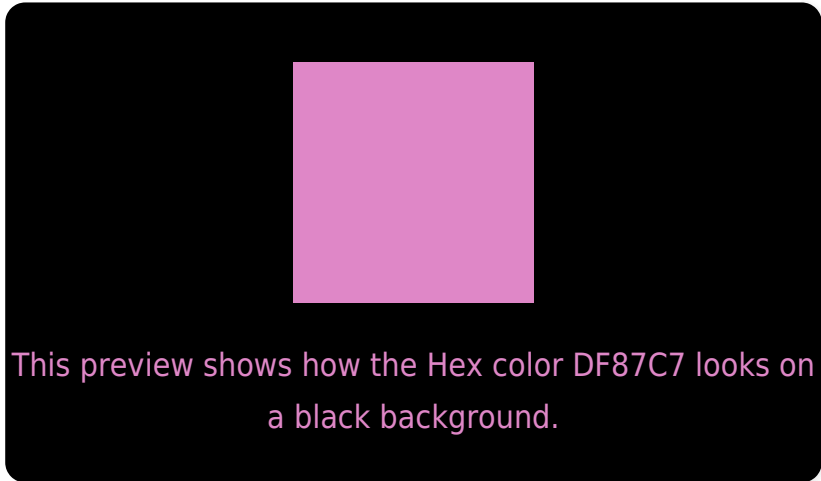
Large Text (above 18pt) WCAG AA × Fail

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 DF87C7 Background



This preview shows how black text looks on a background with the Hex color DF87C7.

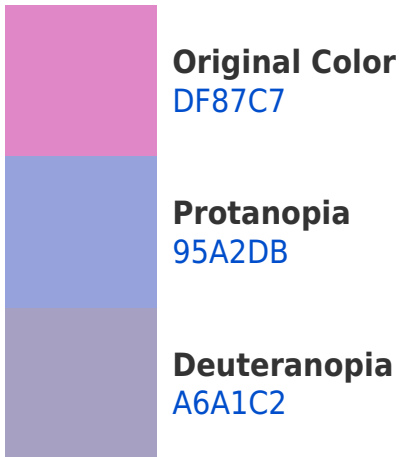


This preview shows how white text looks on a background with the Hex color DF87C7.

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
DA909B

Trichromacy



Original Color
DF87C7



Protanomaly
B098D4



Deuteranomaly
BB98C4

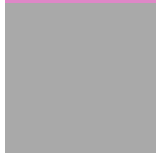


Tritanomaly
DC8DAB

Monochromacy



Original Color
DF87C7



Achromatopsia
A9A9A9



Achromatomaly
BD9DB4

CSS Examples

Text

The CSS property to change the color of the text to Hex DF87C7 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 #DF87C7 looks like.

```
.text, #text, p{  
  color:#DF87C7  
}
```

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 #DF87C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF87C7
}
```

Border

The CSS property to change the border of an element to Hex DF87C7 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
#DF87C7 }
```

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

```
.border{ border-color:#DF87C7 }
```

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

Here you see how a box with a 4 pixel #DF87C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF87C7; -webkit-box-shadow:4px 4px  
4px 4px #DF87C7; box-shadow:4px 4px 4px  
4px #DF87C7 }
```

Background

The CSS property to change the background color of an element to Hex DF87C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF87C7 }
```

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

```
.background{ background-color:#DF87C7 }
```

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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