

# Converting Colors

Hex(D87F87)

Have a look what the booklet for  
Hex(D87F87) contains.

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# **Color**

**Hex(D87F87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D87F87
RGB	216, 127, 135
RGB Percent	85%, 50%, 53%
CMY	0.1529, 0.5020, 0.4706
CMYK	0.00, 0.41, 0.38, 0.15
HSL	355°, 53%, 67%
HSV	355°, 41%, 85%
XYZ	40.2814, 31.5269, 26.8839
YIQ	154.5230, 50.4760, 21.3560

# Conversions

## Conversions Part 2

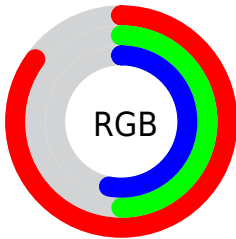
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 127, 135
Decimal	14188423
CIE Lab	62.95, 35.27, 10.65
CIE LCh	63, 36.843, 16.803
Yxy	31.5269, 0.4082, 0.3194
Android (android.graphics.Color)	4292378503 (0xFFD87F87)
YUV	154.5230, -9.6248, 53.9153
Hunter-Lab	56.1489, 29.7962, 10.9163

# Details

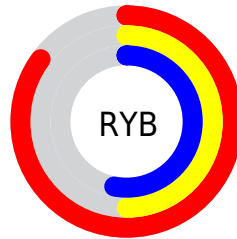
The Hex color **D87F87** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7FD8D0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB5BC**, and **9E4C55** is the 20% darker color. If you saturate the color by 10%, you get **D86973**, and if you desaturate by 10%, it is **D8959B**.

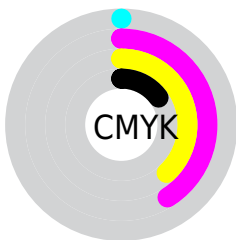
# Distribution



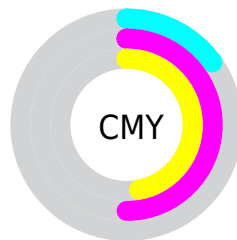
- Red (85%)
- Green (50%)
- Blue (53%)



- Red (85%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (50%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D87F87 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 D87F87 by changing the saturation by 10% instead.



 D87F87

 D87F87

FFFFFF

 BB656E

 FF5BC

 9E4C55

 FFD1D8

 83333E

 FFEEF4

 671A29

 4C0014

 340000

 0D0000

 000000

 D87F87

 D87F87

 D86973

 D8959B

 D85460

 D8AAAE

 D83E4C

 D8C0C2

 D82938

 D8D5D6

 D81325

 D8EBE9

 D80013

 D8FFFD

 D8FFFF

# Harmonies

## Analogous

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



CF80A8



D87F87



D0866A

# Triad

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



D87F87



76A46A



4BA0D7

# Complementary

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



D87F87



7FD8D0

# 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.



00A7C7



D87F87



4AA988

# Square

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



D87F87



9B9C58



01AAAA



8695D7

# Rectangle

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



D87F87



C38D5D



01AAAA



34A3D4



# Sweetspot

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



D87F87



FFE0E3



CF7FD8



806E6F



000000



808080



# Same Dimension

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



D87F87



FF828D



D8A37F



6B6061



AB000F



2B0004



# Inverse Universe

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



D87F87



FF828D



7FB4D8



6B6061



AB000F

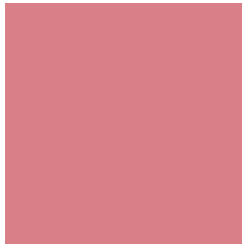


2B0004



# Previews

## White Background



This preview shows how the Hex color D87F87 looks on a white background.

## Color Contrast Check

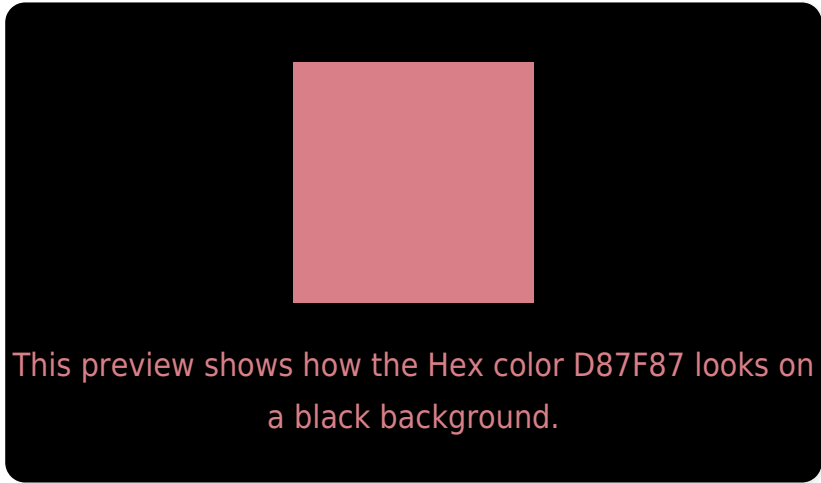
Large Text (above 18pt) WCAG AA × Fail

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 D87F87 Background



This preview shows how black text looks on a background with the Hex color D87F87.



This preview shows how white text looks on a background with the Hex color D87F87.

# 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](#).

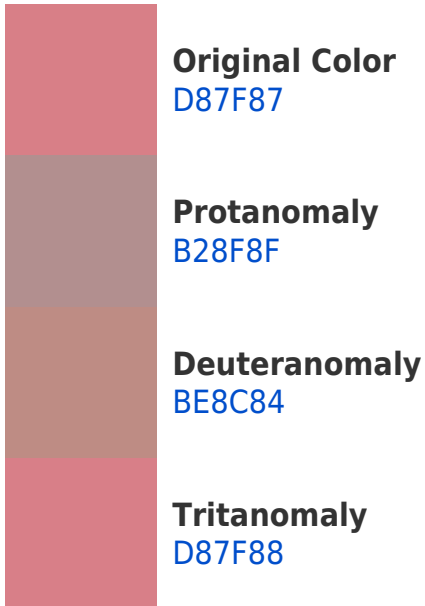
## Dichromacy



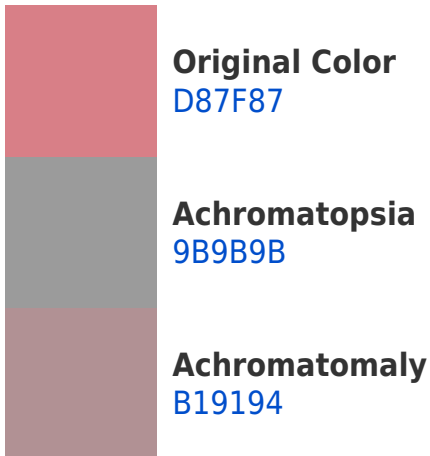


**Tritanopia**  
D87F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D87F87 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 #D87F87 looks like.

```
.text, #text, p{  
    color:#D87F87  
}
```

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 #D87F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87F87
}
```

## Border

The CSS property to change the border of an element to Hex D87F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

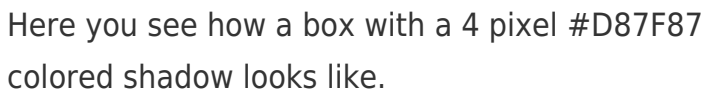
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D87F87 }
```

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

```
.border{ border-color:#D87F87 }
```

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



Here you see how a box with a 4 pixel #D87F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87F87; -webkit-box-shadow:4px 4px  
4px 4px #D87F87; box-shadow:4px 4px 4px  
4px #D87F87 }
```

# Background

The CSS property to change the background color of an element to Hex D87F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87F87 }
```

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

```
.background{ background-color:#D87F87 }
```

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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