

# Converting Colors

Hex(D87798)

Have a look what the booklet for  
Hex(D87798) contains.

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# **Color**

**Hex(D87798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D87798
RGB	216, 119, 152
RGB Percent	85%, 47%, 60%
CMY	0.1529, 0.5333, 0.4039
CMYK	0.00, 0.45, 0.30, 0.15
HSL	340°, 55%, 66%
HSV	340°, 45%, 85%
XYZ	40.5832, 30.0596, 33.3689
YIQ	151.7650, 47.2190, 30.8270

# Conversions

## Conversions Part 2

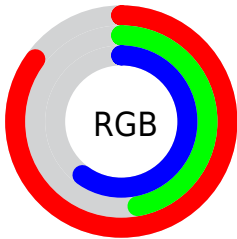
Format	Color
R <sub>YB</sub>	216, 119, 152
Decimal	14186392
CIE <sub>Lab</sub>	61.71, 41.57, -0.87
CIE <sub>LCh</sub>	62, 41.578, 358.806
Yxy	30.0596, 0.3902, 0.2890
Android (android.graphics.Color)	4292376472 (0xFFD87798)
YUV	151.7650, 0.1159, 56.3341
Hunter-Lab	54.8266, 36.1809, 2.2932

# Details

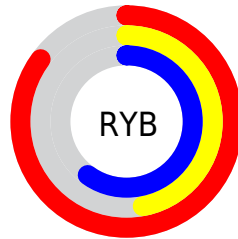
The Hex color **D87798** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77D8B7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFADCE**, and **9F4365** is the 20% darker color. If you saturate the color by 10%, you get **D8618A**, and if you desaturate by 10%, it is **D88DA6**.

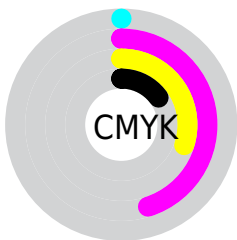
# Distribution



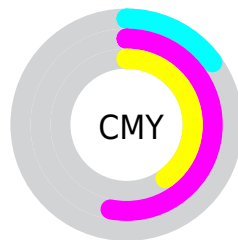
- Red (85%)
- Green (47%)
- Blue (60%)



- Red (85%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D87798 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 D87798 by changing the saturation by 10% instead.



 D87798

 D87798

FFFFFF

 BB5D7E

 FFADCE

 9F4365

 FFC9EA

 83294D

 FFE6FF

 680B37

 4D0021

 35000A

 0F0000

 000000

 D87798

 D87798

 D8618A

 D88DA6

 D84C7B

 D8A2B5

 D8366D

 D8B8C3

 D8215F

 D8CDD1

 D80B51

 D8E3DF

 D80049

 D8F9EE

 D8FFFC

 D8FFFF

# Harmonies

## Analogous

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



C17EBC



D87798



DA7A74

# Triad

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



D87798



889D52



00A3D3

# Complementary

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



D87798



77D8B7

# 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.



00A7B7



D87798



5AA56E

# Square

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



D87798



AD924A



00A892



5499DE

# Rectangle

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



D87798



D1815F



00A892



00A5CB



# Sweetspot

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



D87798



FFDEE9



B677D8



806B72



000000



808080



# Same Dimension

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



D87798



FF75A4



D88677



6B6064



AB003A



2B000F



# Inverse Universe

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



D87798



FF75A4



77C9D8



6B6064



AB003A

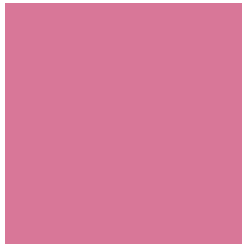


2B000F



# Previews

## White Background



This preview shows how the Hex color D87798 looks on a white background.

## Color Contrast Check

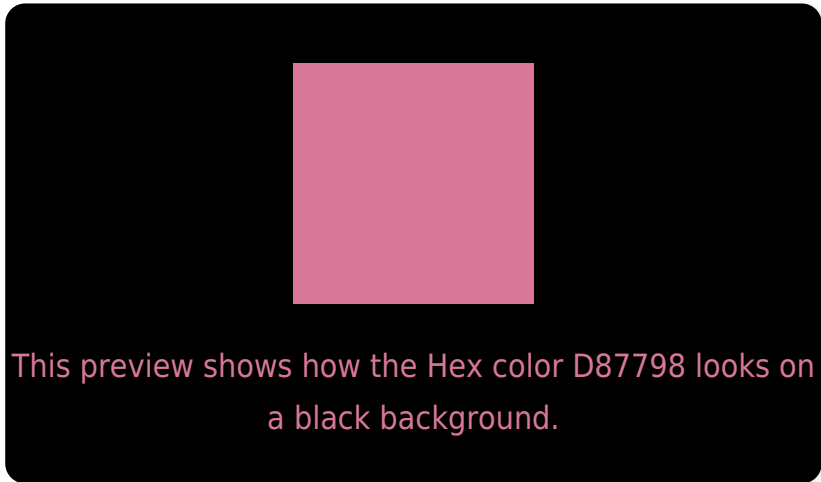
Large Text (above 18pt) WCAG AA × Fail

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 D87798 Background



This preview shows how black text looks on a background with the Hex color D87798.



This preview shows how white text looks on a background with the Hex color D87798.

# 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**  
D87798

**Protanopia**  
9294AA

**Deuteranopia**  
A59194



**Tritanopia**  
D67B84

# Trichromacy



**Original Color**  
D87798



**Protanomaly**  
AB89A3



**Deuteranomaly**  
B88895

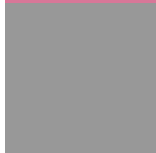


**Tritanomaly**  
D77A8B

# Monochromacy



**Original Color**  
D87798



**Achromatopsia**  
989898



**Achromatomaly**  
AF8C98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D87798 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 #D87798 looks like.

```
.text, #text, p{  
    color:#D87798  
}
```

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 #D87798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87798
}
```

## Border

The CSS property to change the border of an element to Hex D87798 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
#D87798 }
```

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

```
.border{ border-color:#D87798 }
```

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

Here you see how a box with a 4 pixel #D87798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87798; -webkit-box-shadow:4px 4px  
4px 4px #D87798; box-shadow:4px 4px 4px  
4px #D87798 }
```

# Background

The CSS property to change the background color of an element to Hex D87798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87798 }
```

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

```
.background{ background-color:#D87798 }
```

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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