

# Converting Colors

Hex(D87F76)

Have a look what the booklet for  
Hex(D87F76) contains.

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# **Color**

**Hex(D87F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D87F76
RGB	216, 127, 118
RGB Percent	85%, 50%, 46%
CMY	0.1529, 0.5020, 0.5373
CMYK	0.00, 0.41, 0.45, 0.15
HSL	6°, 56%, 65%
HSV	6°, 45%, 85%
XYZ	39.1783, 31.0857, 21.0748
YIQ	152.5850, 55.9330, 16.0690

# Conversions

## Conversions Part 2

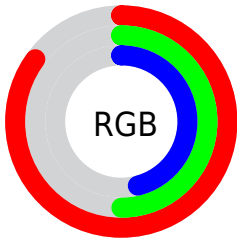
Format	Color
R <sub>Y</sub> B	216, 128, 118
Decimal	14188406
CIE Lab	62.58, 33.40, 19.79
CIE LCh	63, 38.828, 30.647
Yxy	31.0857, 0.4289, 0.3403
Android (android.graphics.Color)	4292378486 (0xFFD87F76)
YUV	152.5850, -17.0504, 55.6150
Hunter-Lab	55.7545, 27.8602, 16.6170

# Details

The Hex color **D87F76** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **76CFD8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB5AA**, and **9E4C46** is the 20% darker color. If you saturate the color by 10%, you get **D86B60**, and if you desaturate by 10%, it is **D8938C**.

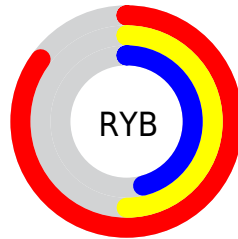
# Distribution



Red (85%)

Green (50%)

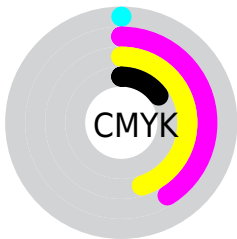
Blue (46%)



Red (85%)

Yellow (50%)

Blue (46%)

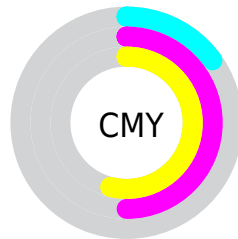


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D87F76 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 D87F76 by changing the saturation by 10% instead.



 D87F76

 D87F76

FFFFFF

 BB655D

 FFB5AA

 9E4C46

 FFD1C5

 82342F

 FFEDE1

 661B1A

FFFFFFE

 4B0000

 320000

 040000

 000000

 D87F76

 D87F76

 D86B60

 D8938C

 D8584B

 D8A6A1

 D84435

 D8BAB7

 D83120

 D8CDCC

 D81D0A

 D8E1E2

 D81400

 D8F5F8

 D8FFFF

# Harmonies

## Analogous

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



D77C98



D87F76



C8895C

# Triad

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



D87F76



5EA674



639BDC

# Complementary

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



D87F76



76CFD8

# 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.



00A4D3



D87F76



22A997

# Square

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



D87F76



89A05A



00A9B9



9C8ED3

# Rectangle

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



D87F76



B79253



00A9B9



4B9EDB



# Sweetspot

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



D87F76



FFDFDB



D876D0



806C6A



000000



808080



# Same Dimension

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



D87F76



FF8275



D8AF76



6B6160



AB1000



2B0400



# Inverse Universe

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



76CFD8



75F2FF



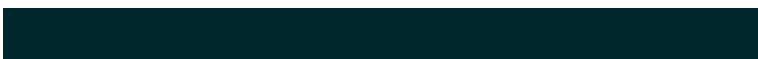
769FD8



606A6B



009BAB

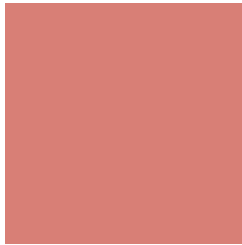


00272B



# Previews

## White Background



This preview shows how the Hex color D87F76 looks on a white background.

## Color Contrast Check

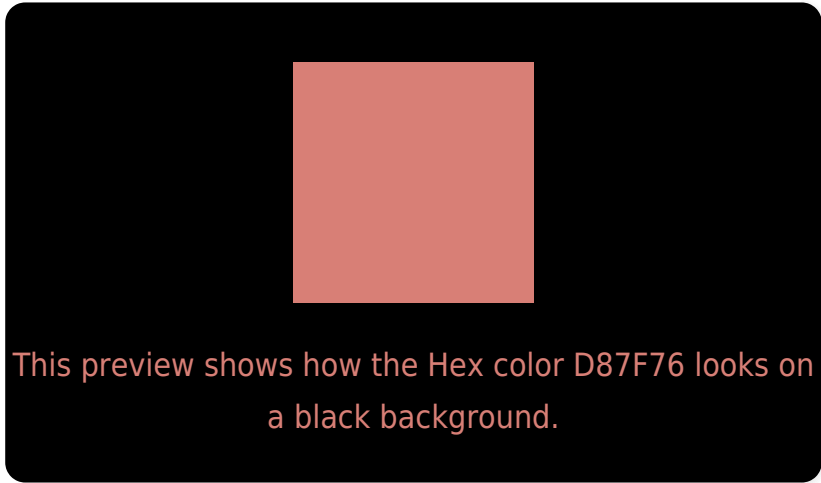
Large Text (above 18pt) WCAG AA × Fail

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 D87F76 Background



This preview shows how black text looks on a background with the Hex color D87F76.



This preview shows how white text looks on a background with the Hex color D87F76.

# 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](#).

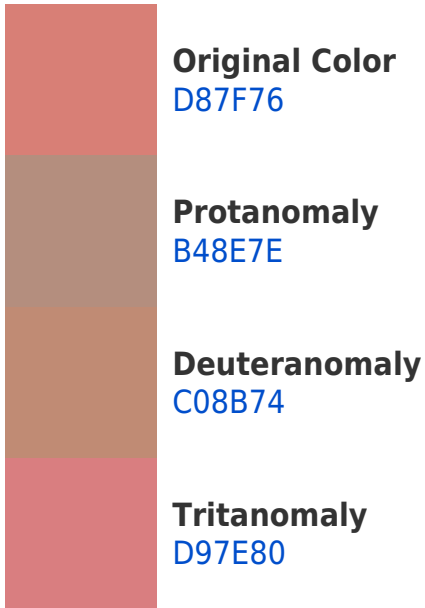
## Dichromacy





**Tritanopia**  
D97D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D87F76 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 #D87F76 looks like.

```
.text, #text, p{  
    color:#D87F76  
}
```

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 #D87F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87F76
}
```

## Border

The CSS property to change the border of an element to Hex D87F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

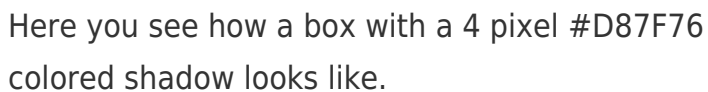
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D87F76 }
```

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

```
.border{ border-color:#D87F76 }
```

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



Here you see how a box with a 4 pixel #D87F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87F76; -webkit-box-shadow:4px 4px  
4px 4px #D87F76; box-shadow:4px 4px 4px  
4px #D87F76 }
```

# Background

The CSS property to change the background color of an element to Hex D87F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87F76 }
```

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

```
.background{ background-color:#D87F76 }
```

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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