

# Converting Colors

Hex(DD887F)

Have a look what the booklet for  
Hex(DD887F) contains.

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# **Color**

**Hex(DD887F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD887F
RGB	221, 136, 127
RGB Percent	87%, 53%, 50%
CMY	0.1333, 0.4667, 0.5020
CMYK	0.00, 0.38, 0.43, 0.13
HSL	6°, 58%, 68%
HSV	6°, 43%, 87%
XYZ	42.4537, 34.5128, 24.5027
YIQ	160.3890, 53.5490, 15.2210

# Conversions

## Conversions Part 2

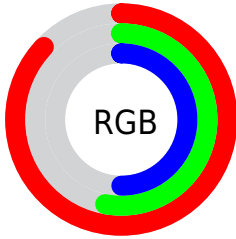
Format	Color
R <sub>Y</sub> B	221, 137, 127
Decimal	14518399
CIE Lab	65.37, 31.48, 18.64
CIE LCh	65, 36.586, 30.626
Yxy	34.5128, 0.4184, 0.3401
Android (android.graphics.Color)	4292708479 (0xFFDD887F)
YUV	160.3890, -16.4608, 53.1558
Hunter-Lab	58.7476, 26.1841, 16.3943

# Details

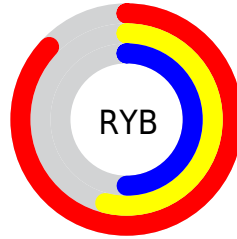
The Hex color **DD887F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7FD4DD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBEB4**, and **A3554E** is the 20% darker color. If you saturate the color by 10%, you get **DD7469**, and if you desaturate by 10%, it is **DD9C95**.

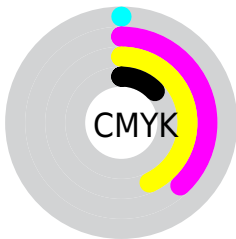
# Distribution



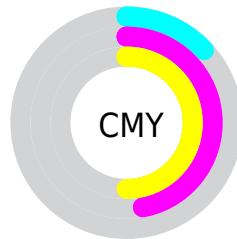
- Red (87%)
- Green (53%)
- Blue (50%)



- Red (87%)
- Yellow (54%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD887F 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 DD887F by changing the saturation by 10% instead.



 DD887F

 DD887F

FFFFFF

 C06E66

 FFBE84

 A3554E

 FFDACF

 873C37

 FFF7EC

 6B2422

 500B0C

 360000

 180001

 000000

 DD887F

 DD887F

 DD7469

 DD9C95

 DD6053

 DDB0AB

 DD4C3D

 DDC4C1

 DD3827

 DDD8D7

 DD2411

 DDECEE

 DD1500

 DDFFFF

# Harmonies

## Analogous

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



DC859F



DD887F



CE9266

# Triad

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



DD887F



6AAD7D



70A2E0

# Complementary

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



DD887F



7FD4DD

# 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.



31ABD7



DD887F



3BB09E

# Square

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



DD887F



91A765



00AFBF



A396D7

# Rectangle

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



DD887F



BD995E



00AFBF



5CA5DF

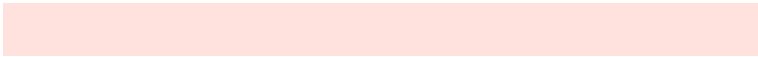


# Sweetspot

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



DD887F



FFE1DE



DD7FD5



806D6B



000000



808080



# Same Dimension

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



DD887F



FF897D



DDB67F



6E6463



AD1100



2E0400



# Inverse Universe

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



7FD4DD



7DF3FF



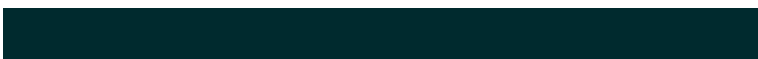
7FA6DD



636D6E



009DAD

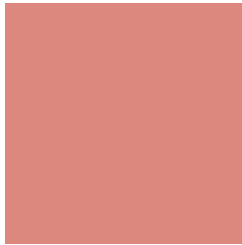


002A2E



# Previews

## White Background



This preview shows how the Hex color DD887F looks on a white background.

## Color Contrast Check

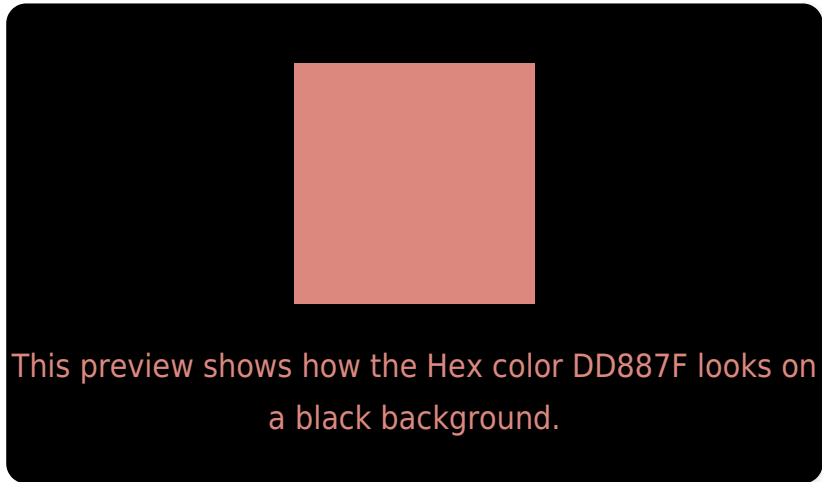
Large Text (above 18pt) WCAG AA × Fail

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 DD887F Background



This preview shows how black text looks on a background with the Hex color DD887F.



This preview shows how white text looks on a background with the Hex color DD887F.

# 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**  
DE868F

# Trichromacy



**Original Color**  
DD887F

**Protanomaly**  
BB9786

**Deuteranomaly**  
C7937D

**Tritanomaly**  
DE8789

# Monochromacy



**Original Color**  
DD887F

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
B69794

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD887F 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 #DD887F looks like.

```
.text, #text, p{  
    color:#DD887F  
}
```

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 #DD887F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD887F
}
```

## Border

The CSS property to change the border of an element to Hex DD887F 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
#DD887F }
```

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

```
.border{ border-color:#DD887F }
```

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

Here you see how a box with a 4 pixel #DD887F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD887F; -webkit-box-shadow:4px 4px  
4px 4px #DD887F; box-shadow:4px 4px 4px  
4px #DD887F }
```

# Background

The CSS property to change the background color of an element to Hex DD887F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD887F }
```

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

```
.background{ background-color:#DD887F }
```

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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