

# Converting Colors

Hex(D9787E)

Have a look what the booklet for  
Hex(D9787E) contains.

<b>Hex(D9787E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D9787E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9787E
RGB	217, 120, 126
RGB Percent	85%, 47%, 49%
CMY	0.1490, 0.5294, 0.5059
CMYK	0.00, 0.45, 0.42, 0.15
HSL	356°, 56%, 66%
HSV	356°, 45%, 85%
XYZ	39.0976, 29.6910, 23.4089
YIQ	149.6870, 55.8860, 22.4300

# Conversions

## Conversions Part 2

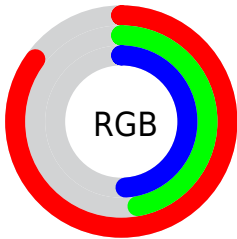
Format	Color
R <sub>Y</sub> B	217, 120, 126
Decimal	14252158
CIE Lab	61.39, 38.29, 13.61
CIE LCh	61, 40.640, 19.570
Yxy	29.6910, 0.4241, 0.3220
Android (android.graphics.Color)	4292442238 (0xFFD9787E)
YUV	149.6870, -11.6777, 59.0335
Hunter-Lab	54.4895, 32.7219, 12.6714

# Details

The Hex color **D9787E** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78D9D3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAEB3**, and **9F454D** is the 20% darker color. If you saturate the color by 10%, you get **D9626A**, and if you desaturate by 10%, it is **D98E92**.

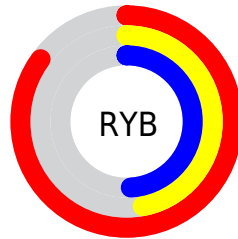
# Distribution



Red (85%)

Green (47%)

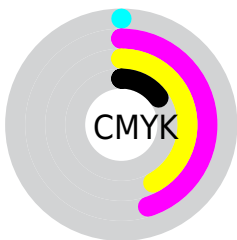
Blue (49%)



Red (85%)

Yellow (47%)

Blue (49%)

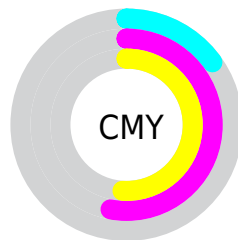


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9787E 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 D9787E by changing the saturation by 10% instead.



 D9787E

 D9787E

FFFFFF

 BC5E65

 FFAEB3

 9F454D

 FFCACE

 832B37

 FFE6EA

 671021

 4C000B

 330001

 030000

 000000

 D9787E

 D9787E

 D9626A

 D98E92

 D94D55

 D9A3A7

 D93741

 D9B9BB

 D9212D

 D9CFCF

 D90B18

 D9E5E4

 D9000D

 D9FAF8

 D9FFFF

# Harmonies

## Analogous

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



D178A2



D9787E



CE815F

# Triad

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



D9787E



6AA264



3C9CDA

# Complementary

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



D9787E



78D9D3

# 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.



00A3CA



D9787E



31A686

# Square

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



D9787E



93994E



00A7AB



8490D8

# Rectangle

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



D9787E



BF8951



00A7AB



0D9FD7



# Sweetspot

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



D9787E



FFDEE0



D378D9



806B6C



000000



808080



# Same Dimension

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



D9787E



FF757E



D9A278



6E6363



AD000B



2E0003



# Inverse Universe

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



D9787E



FF757E



78AFD9



6E6363



AD000B

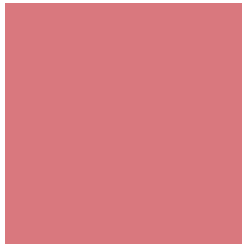


2E0003



# Previews

## White Background



This preview shows how the Hex color D9787E looks on a white background.

## Color Contrast Check

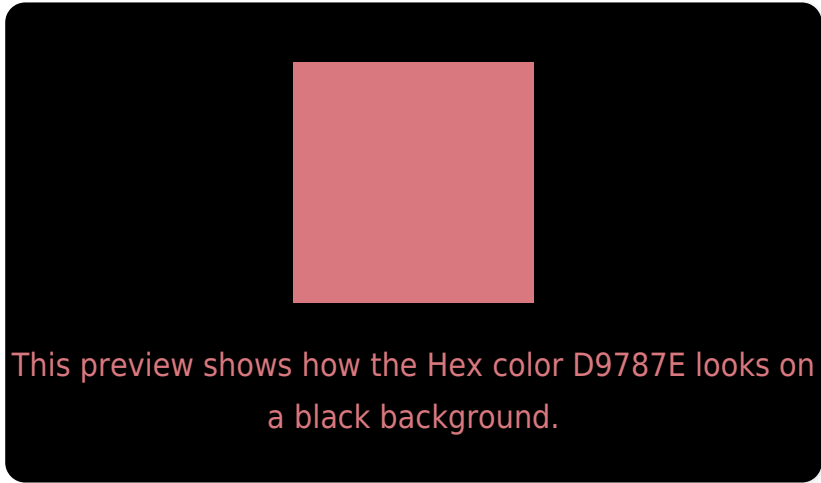
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9787E Background



This preview shows how black text looks on a background with the Hex color D9787E.



This preview shows how white text looks on a background with the Hex color D9787E.

# 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**  
D97880

# Trichromacy



**Original Color**  
D9787E



**Protanomaly**  
B08A87



**Deuteranomaly**  
BC877B



**Tritanomaly**  
D9787F

# Monochromacy



**Original Color**  
D9787E



**Achromatopsia**  
969696



**Achromatomaly**  
AE8B8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9787E 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 #D9787E looks like.

```
.text, #text, p{  
    color:#D9787E  
}
```

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 #D9787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9787E
}
```

## Border

The CSS property to change the border of an element to Hex D9787E is called "border". The border property can be set on classes, ids or directly on the HTML element.

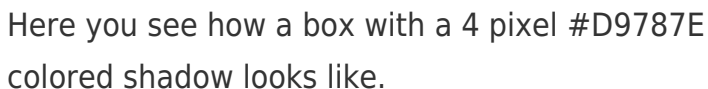
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D9787E }
```

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

```
.border{ border-color:#D9787E }
```

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



Here you see how a box with a 4 pixel #D9787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9787E; -webkit-box-shadow:4px 4px  
4px 4px #D9787E; box-shadow:4px 4px 4px  
4px #D9787E }
```

# Background

The CSS property to change the background color of an element to Hex D9787E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9787E }
```

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

```
.background{ background-color:#D9787E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor