

# Converting Colors

Hex(D9D8D7)

Have a look what the booklet for  
Hex(D9D8D7) contains.

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# **Color**

**Hex(D9D8D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D8D7
RGB	217, 216, 215
RGB Percent	85%, 85%, 84%
CMY	0.1490, 0.1529, 0.1569
CMYK	0.00, 0.00, 0.01, 0.15
HSL	30°, 3%, 85%
HSV	30°, 1%, 85%
XYZ	65.4369, 68.7697, 74.1150
YIQ	216.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

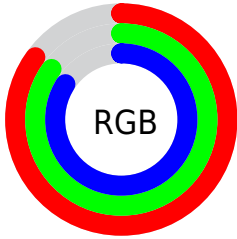
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 217, 215
Decimal	14276823
CIE <sub>Lab</sub>	86.39, 0.16, 0.60
CIE <sub>LCh</sub>	86, 0.624, 74.683
Yxy	68.7697, 0.3141, 0.3301
Android (android.graphics.Color)	4292466903 (0xFFD9D8D7)
YUV	216.1850, -0.5842, 0.7148
Hunter-Lab	82.9275, -4.2715, 5.0599

# Details

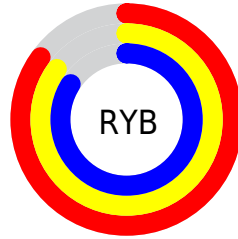
The Hex color **D9D8D7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7D8D9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A1A0** is the 20% darker color. If you saturate the color by 10%, you get **D9CDC1**, and if you desaturate by 10%, it is **D9E3ED**.

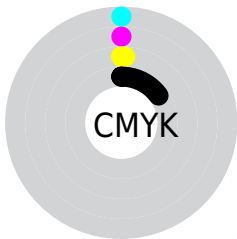
# Distribution



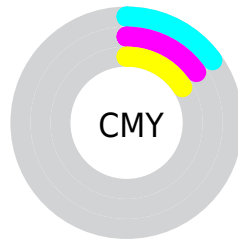
- Red (85%)
- Green (85%)
- Blue (84%)



- Red (85%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D8D7 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 D9D8D7 by changing the saturation by 10% instead.



■ D9D8D7

FFFFFF

■ D9D8D7

■ BDBCBB

■ A2A1A0

■ 888786

■ 6F6E6D

■ 565555

■ 3F3E3E

■ 292828

■ 151413

■ 000000

 D9D8D7

 D9D8D7

 D9CDC1

 D9E3ED

 D9C2AC

 D9EEFF

 D9B796

 D9F9FF

 D9AD80

 D9FFFF

 D9A26B

 D99755

 D98C3F

 D98129

 D97614

# Harmonies

## Analogous

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



D9D8D7



D8D8D7

# Triad

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



D9D8D7



D7D9D8



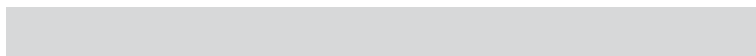
D9D8D9

# Complementary

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



D9D8D7



D7D8D9

# 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.



D8D8D9



D9D8D7



D7D8D9

# Square

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



D9D8D7



D7D8D8



D7D8D9



D9D8D8

# Rectangle

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



D9D8D7



D8D8D7



D7D8D9



D8D8D9



# Sweetspot

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



D9D8D7

FFFFFF



D9D7D8



808080



000000

# Same Dimension

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



D9D8D7



FFFEFC



D9D9D7



6E6D6D



AD5700



2E1700



# Inverse Universe

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



D7D8D9



FCFEFF



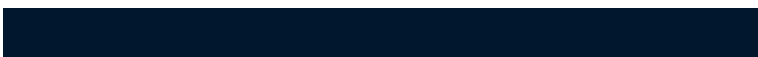
D7D7D9



6D6D6E



0057AD

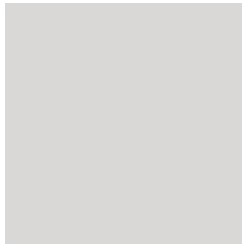


00172E



# Previews

## White Background



This preview shows how the Hex color D9D8D7 looks on a white background.

## Color Contrast Check

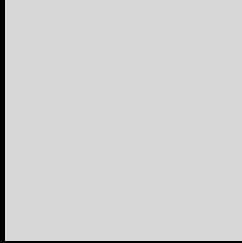
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D9D8D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

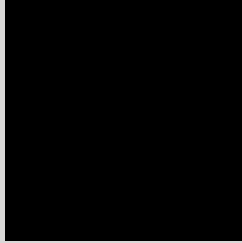
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

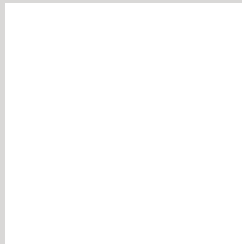
Any Text WCAG AAA ✓ Pass

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

## Hex D9D8D7 Background



This preview shows how black text looks on a background with the Hex color D9D8D7.



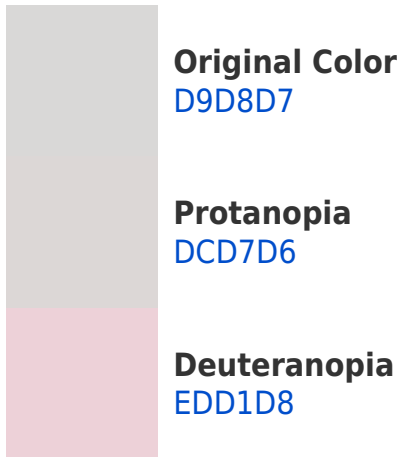
This preview shows how white text looks on a background with the Hex color D9D8D7.



# 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**  
DBD6E6

# Trichromacy



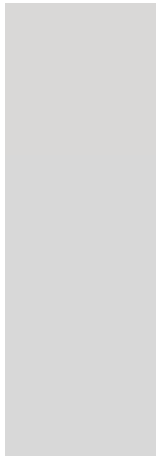
**Original Color**  
D9D8D7

**Protanomaly**  
DBD7D6

**Deuteranomaly**  
E6D4D8

**Tritanomaly**  
DAD7E1

# Monochromacy



**Original Color**  
D9D8D7

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D8D8D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D8D7 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 #D9D8D7 looks like.

```
.text, #text, p{  
    color:#D9D8D7  
}
```

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 #D9D8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D8D7
}
```

## Border

The CSS property to change the border of an element to Hex D9D8D7 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
#D9D8D7 }
```

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

```
.border{ border-color:#D9D8D7 }
```

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

Here you see how a box with a 4 pixel #D9D8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D8D7; -webkit-box-shadow:4px 4px  
4px 4px #D9D8D7; box-shadow:4px 4px 4px  
4px #D9D8D7 }
```

# Background

The CSS property to change the background color of an element to Hex D9D8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D8D7 }
```

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

```
.background{ background-color:#D9D8D7 }
```

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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