

# Converting Colors

Hex(D9D8D4)

Have a look what the booklet for  
Hex(D9D8D4) contains.

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# **Color**

**Hex(D9D8D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D8D4
RGB	217, 216, 212
RGB Percent	85%, 85%, 83%
CMY	0.1490, 0.1529, 0.1686
CMYK	0.00, 0.00, 0.02, 0.15
HSL	48°, 6%, 84%
HSV	48°, 2%, 85%
XYZ	65.0548, 68.6169, 72.1030
YIQ	215.8430, 1.8800, -1.0320

# Conversions

## Conversions Part 2

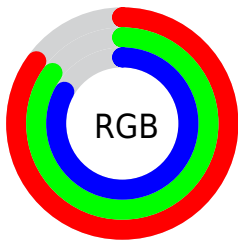
Format	Color
<a href="#">RYB</a>	<a href="#">213, 217, 212</a>
Decimal	<a href="#">14276820</a>
CIELab	<a href="#">86.31, -0.37, 2.08</a>
CIElCh	<a href="#">86, 2.110, 100.066</a>
Yxy	<a href="#">68.6169, 0.3161, 0.3335</a>
Android (android.graphics.Color)	<a href="#">4292466900</a> ( <a href="#">0xFFD9D8D4</a> )
YUV	<a href="#">215.8430, -1.8946, 1.0147</a>
Hunter-Lab	<a href="#">82.8353, -4.7767, 6.3765</a>

# Details

The Hex color **D9D8D4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4D5D9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A19D** is the 20% darker color. If you saturate the color by 10%, you get **D9D4BE**, and if you desaturate by 10%, it is **D9DCEA**.

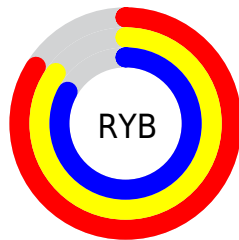
# Distribution



Red (85%)

Green (85%)

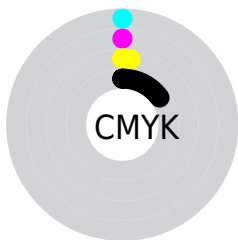
Blue (83%)



Red (84%)

Yellow (85%)

Blue (83%)

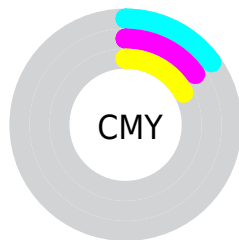


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D8D4 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 D9D8D4 by changing the saturation by 10% instead.



 D9D8D4

 D9D8D4

FFFFFF

 BDBCB8

 A2A19D


 888783

 6F6E6A

 565552

 3F3E3B

 292825

 151411

 000000

 D9D8D4

 D9D8D4

 D9D4BE

 D9DCEA

 D9CFA9

 D9E1FF

 D9CB93

 D9E5FF

 D9C77D

 D9E9FF

 D9C268

 D9EEFF

 D9BE52

 D9F2FF

 D9BA3C

 D9F6FF

 D9B526

 D9FBFF

 D9B111

 D9FFFF

# Harmonies

## Analogous

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



DBD7D4



D9D8D4



D7D9D5

# Triad

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



D9D8D4



D3D9DA



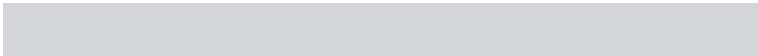
DBD7D9

# Complementary

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



D9D8D4



D4D5D9

# Split Complementary

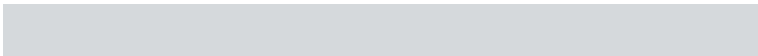
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D9D7DB



D9D8D4



D5D9DC

# Square

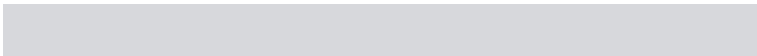
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9D8D4



D3D9D9



D7D8DC



DCD7D7

# Rectangle

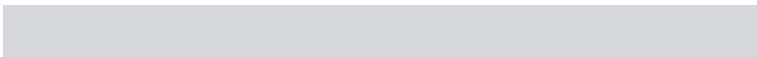
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9D8D4



D5D9D6



D7D8DC



DBD7DA



# Sweetspot

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



D9D8D4



FFFEFC



D9D4D5



807F7E



000000



808080

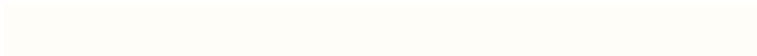


# Same Dimension

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



D9D8D4



FFFDF7



D8D9D4



6E6D69



AD8B00

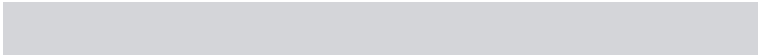


2E2500

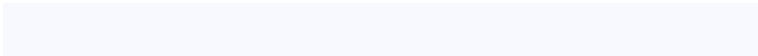


# Inverse Universe

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



D4D5D9



F7F9FF



D6D4D9



696A6E



0023AD

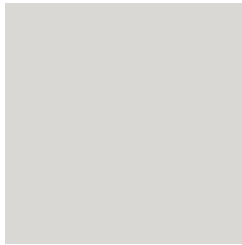


00092E



# Previews

## White Background



This preview shows how the Hex color D9D8D4 looks on a white background.

## Color Contrast Check

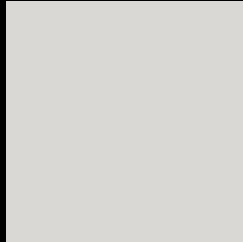
Large Text (above 18pt) WCAG AA × Fail

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 D9D8D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

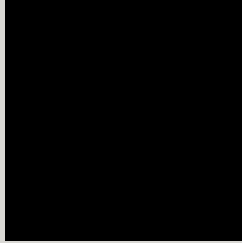
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

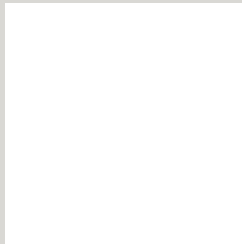
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9D8D4 Background



This preview shows how black text looks on a background with the Hex color D9D8D4.

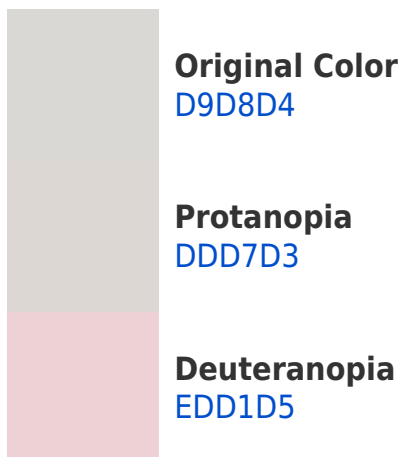


This preview shows how white text looks on a background with the Hex color D9D8D4.

# 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**  
DCD5E6

# Trichromacy



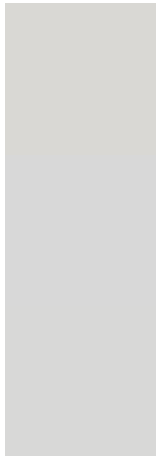
**Original Color**  
D9D8D4

**Protanomaly**  
DCD7D3

**Deuteranomaly**  
E6D4D5

**Tritanomaly**  
DBD6DF

# Monochromacy



**Original Color**  
D9D8D4

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D8D8D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D8D4 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 #D9D8D4 looks like.

```
.text, #text, p{  
    color:#D9D8D4  
}
```

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 #D9D8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D8D4
}
```

## Border

The CSS property to change the border of an element to Hex D9D8D4 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
#D9D8D4 }
```

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

```
.border{ border-color:#D9D8D4 }
```

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

Here you see how a box with a 4 pixel #D9D8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D8D4; -webkit-box-shadow:4px 4px  
4px 4px #D9D8D4; box-shadow:4px 4px 4px  
4px #D9D8D4 }
```

# Background

The CSS property to change the background color of an element to Hex D9D8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D8D4 }
```

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

```
.background{ background-color:#D9D8D4 }
```

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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