

# Converting Colors

Hex(D8D8A7)

Have a look what the booklet for  
Hex(D8D8A7) contains.

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# **Color**

**Hex(D8D8A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D8A7
RGB	216, 216, 167
RGB Percent	85%, 85%, 65%
CMY	0.1529, 0.1529, 0.3451
CMYK	0.00, 0.00, 0.23, 0.15
HSL	60°, 39%, 75%
HSV	60°, 23%, 85%
XYZ	59.8498, 66.5007, 46.2407
YIQ	210.4140, 15.7290, -15.2390

# Conversions

## Conversions Part 2

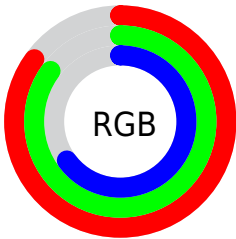
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 216, 167</a>
Decimal	<a href="#">14211239</a>
CIELab	<a href="#">85.25, -7.87, 24.24</a>
CIELCh	<a href="#">85, 25.484, 107.983</a>
Yxy	<a href="#">66.5007, 0.3468, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4292401319 (0xFFD8D8A7)</a>
YUV	<a href="#">210.4140, -21.4031, 4.8989</a>
Hunter-Lab	<a href="#">81.5480, -11.7039, 23.4639</a>

# Details

The Hex color **D8D8A7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A7A7D8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFDE**, and **A1A173** is the 20% darker color. If you saturate the color by 10%, you get **D8D891**, and if you desaturate by 10%, it is **D8D8BD**.

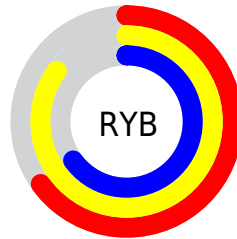
# Distribution



Red (85%)

Green (85%)

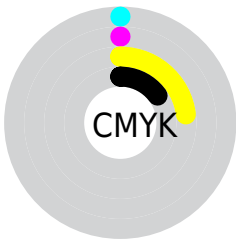
Blue (65%)



Red (65%)

Yellow (85%)

Blue (65%)

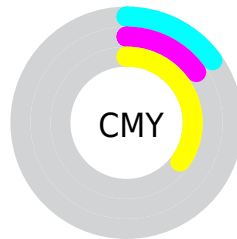


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D8A7 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 D8D8A7 by changing the saturation by 10% instead.



 D8D8A7

 D8D8A7

FFFFFF

 BCBC8C

 FFFFDE

 A1A173

 FFFFFB

 86875A

 6C6E42

 54562B

 3C3E15

 262900

 091500

 000000

 D8D8A7

 D8D8A7

 D8D891

 D8D8BD

 D8D87C

 D8D8D2

 D8D866

 D8D8E8

 D8D851

 D8D8FD

 D8D83B

 D8D8FF

 D8D825

 D8D810

 D8D800

# Harmonies

## Analogous

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



F0D0A6



D8D8A7



BCDEB4

# Triad

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



D8D8A7



96E0F8



FFC5E0

# Complementary

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



D8D8A7



A7A7D8

# Split Complementary

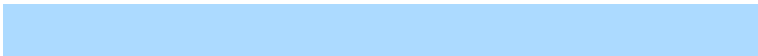
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBCAF5



D8D8A7



ACDAFF

# Square

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



D8D8A7



93E3E3



CCD2FF



FFC4C7

# Rectangle

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



D8D8A7



ABE1C2



CCD2FF



FAC6E8

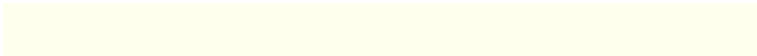


# Sweetspot

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



D8D8A7



FFFFED



D8A7A7



808075



000000



808080



# Same Dimension

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



D8D8A7



FFFFBA



C0D8A7



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



A7A7D8



BABAFF



C0A7D8



60606B



0000AB

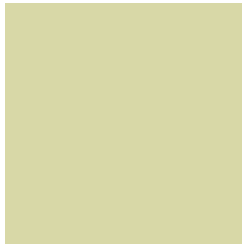


00002B



# Previews

## White Background



This preview shows how the Hex color D8D8A7 looks on a white background.

## Color Contrast Check

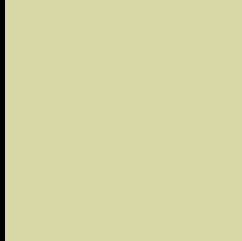
Large Text (above 18pt) WCAG AA × Fail

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 D8D8A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

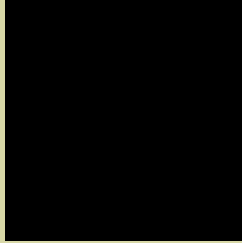
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

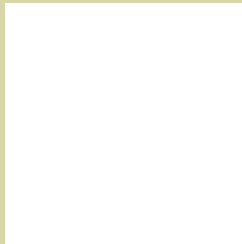
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8D8A7 Background



This preview shows how black text looks on a background with the Hex color D8D8A7.

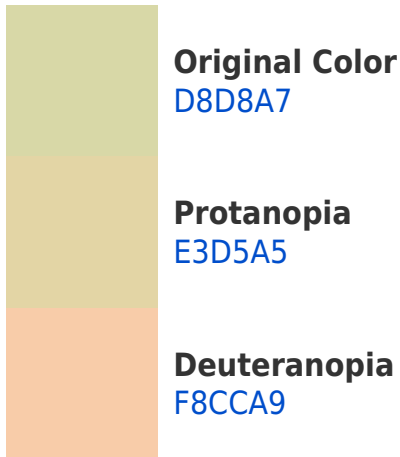


This preview shows how white text looks on a background with the Hex color D8D8A7.

# 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](#).

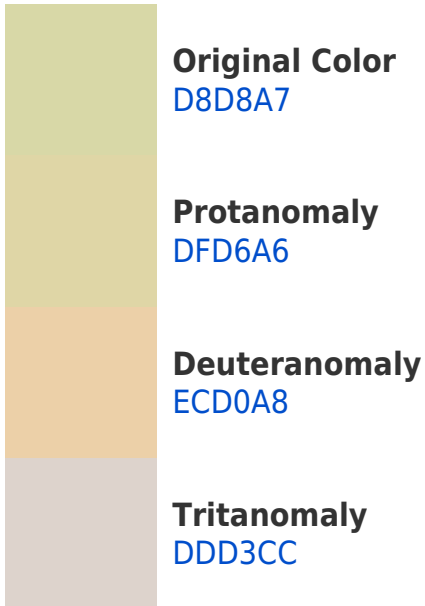
## Dichromacy



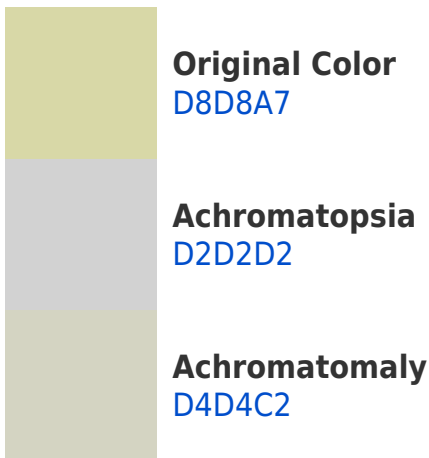


**Tritanopia**  
E0D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D8A7 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 #D8D8A7 looks like.

```
.text, #text, p{  
    color:#D8D8A7  
}
```

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 #D8D8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D8A7
}
```

## Border

The CSS property to change the border of an element to Hex D8D8A7 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
#D8D8A7 }
```

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

```
.border{ border-color:#D8D8A7 }
```

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

Here you see how a box with a 4 pixel #D8D8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D8A7; -webkit-box-shadow:4px 4px  
4px 4px #D8D8A7; box-shadow:4px 4px 4px  
4px #D8D8A7 }
```

# Background

The CSS property to change the background color of an element to Hex D8D8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D8A7 }
```

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

```
.background{ background-color:#D8D8A7 }
```

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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