

# Converting Colors

Hex(D9D981)

Have a look what the booklet for  
Hex(D9D981) contains.

<b>Hex(D9D981)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D9D981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D981
RGB	217, 217, 129
RGB Percent	85%, 85%, 51%
CMY	0.1490, 0.1490, 0.4941
CMYK	0.00, 0.00, 0.41, 0.15
HSL	60°, 54%, 68%
HSV	60°, 41%, 85%
XYZ	57.3906, 65.9624, 30.4761
YIQ	206.9680, 28.2480, -27.3680

# Conversions

## Conversions Part 2

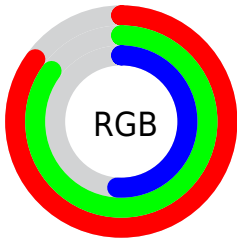
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 217, 129
Decimal	14276993
CIELab	84.98, -12.64, 43.27
CIELCh	85, 45.080, 106.282
Yxy	65.9624, 0.3731, 0.4288
Android (android.graphics.Color)	4292467073 (0xFFD9D981)
YUV	206.9680, -38.4382, 8.7981
Hunter-Lab	81.2172, -15.9966, 34.6040

# Details

The Hex color **D9D981** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8181D9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFB7**, and **A1A24E** is the 20% darker color. If you saturate the color by 10%, you get **D9D96B**, and if you desaturate by 10%, it is **D9D997**.

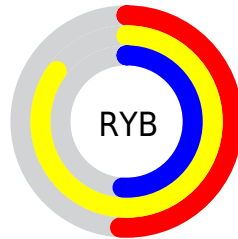
# Distribution



Red (85%)

Green (85%)

Blue (51%)



Red (51%)

Yellow (85%)

Blue (51%)

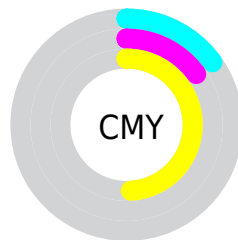


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D981 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 D9D981 by changing the saturation by 10% instead.



 D9D981

 D9D981

FFFFFF

 BCBD67

 FFFFB7


 A1A24E

 FFFFD3

 858835

 FFFFF0

 6B6F1B

 515700

 393F00

 202A00

 001600

 000000

 D9D981

 D9D981

 D9D96B

 D9D997

 D9D956

 D9D9AC

 D9D940

 D9D9C2

 D9D92A

 D9D9D8

 D9D914

 D9D9ED

 D9D900

 D9D9FF

# Harmonies

## Analogous

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



FFCB81



D9D981



A9E498

# Triad

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



D9D981



1EE7FF



FFB5EA

# Complementary

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



D9D981



8181D9

# 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.



F6C1FF



D9D981



72DEFF

# Square

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



D9D981



2FEBEB



BCD0FF



FFB4BE

# Rectangle

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



D9D981



85E8B1



BCD0FF



FFB8F7



# Sweetspot

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



D9D981



FFFFE0



D98181



80806E



000000



808080



# Same Dimension

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



D9D981



FFFF82



ADD981



6E6E63



ADAD00



2E2E00



# Inverse Universe

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



8181D9



8282FF



AD81D9



63636E



0000AD



00002E



# Previews

## White Background



This preview shows how the Hex color D9D981 looks on a white background.

## Color Contrast Check

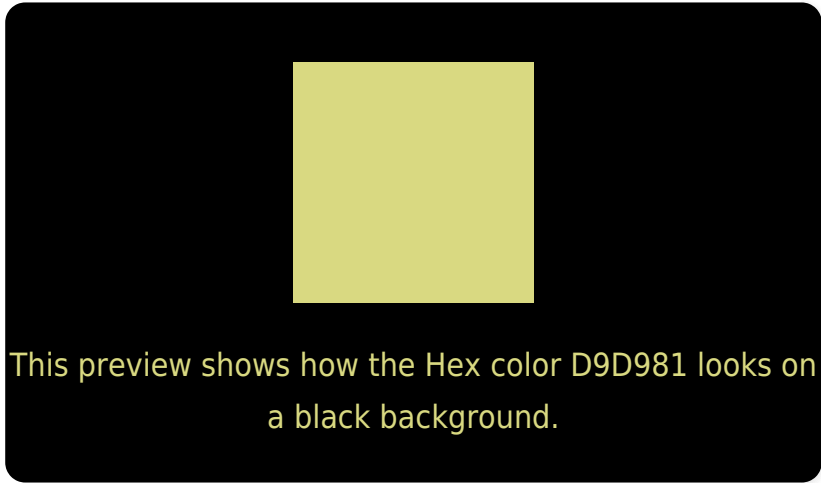
Large Text (above 18pt) WCAG AA × Fail

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 D9D981 Background



This preview shows how black text looks on a background with the Hex color D9D981.

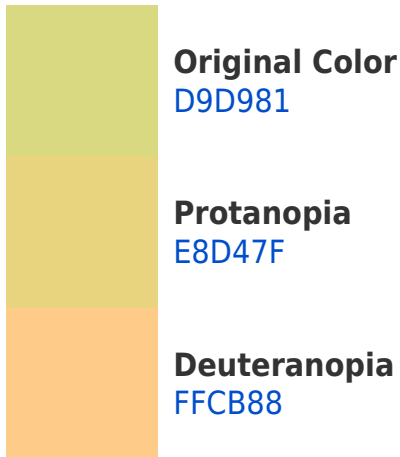


This preview shows how white text looks on a background with the Hex color D9D981.

# 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](#).

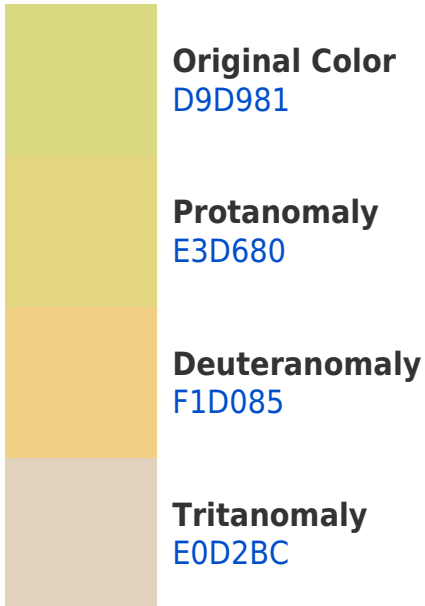
## Dichromacy





**Tritanopia**  
E4CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D981 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 #D9D981 looks like.

```
.text, #text, p{  
    color:#D9D981  
}
```

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 #D9D981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D981
}
```

## Border

The CSS property to change the border of an element to Hex D9D981 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
#D9D981 }
```

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

```
.border{ border-color:#D9D981 }
```

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

Here you see how a box with a 4 pixel #D9D981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D981; -webkit-box-shadow:4px 4px  
4px 4px #D9D981; box-shadow:4px 4px 4px  
4px #D9D981 }
```

# Background

The CSS property to change the background color of an element to Hex D9D981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D981 }
```

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

```
.background{ background-color:#D9D981 }
```

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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