

# Converting Colors

Hex(D7D984)

Have a look what the booklet for  
Hex(D7D984) contains.

<b>Hex(D7D984)</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(D7D984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D984
RGB	215, 217, 132
RGB Percent	84%, 85%, 52%
CMY	0.1569, 0.1490, 0.4824
CMYK	0.01, 0.00, 0.39, 0.15
HSL	61°, 53%, 68%
HSV	61°, 39%, 85%
XYZ	57.0020, 65.7387, 31.5143
YIQ	206.7120, 26.0930, -26.8590

# Conversions

## Conversions Part 2

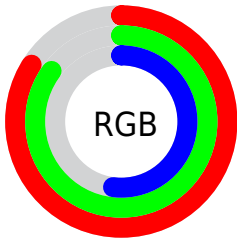
Format	Color
R <sub>YB</sub>	132, 217, 134
Decimal	14145924
CIE <sub>Lab</sub>	84.86, -13.10, 41.61
CIE <sub>LCh</sub>	85, 43.620, 107.480
Yxy	65.7387, 0.3695, 0.4262
Android (android.graphics.Color)	4292336004 (0xFFD7D984)
YUV	206.7120, -36.8330, 7.2686
Hunter-Lab	81.0794, -16.3964, 33.7105

# Details

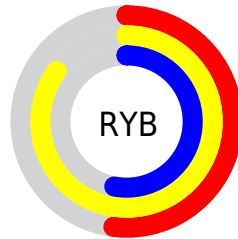
The Hex color **D7D984** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8684D9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFBA**, and **9FA251** is the 20% darker color. If you saturate the color by 10%, you get **D6D96E**, and if you desaturate by 10%, it is **D8D99A**.

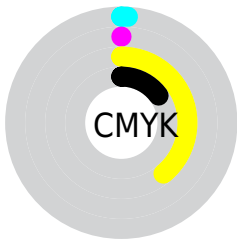
# Distribution



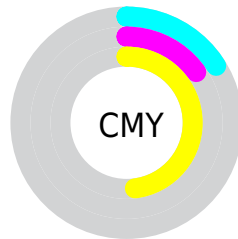
- Red (84%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D984 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 D7D984 by changing the saturation by 10% instead.



 D7D984

 D7D984

FFFFFF

 BBBD6A

 FFFFBA

 9FA251

 FFFFD6

 848838

 FFFFF3

 696F1F

 505602

 383F00

 1F2900

 001600

 000000

 D7D984

 D7D984

 D6D96E

 D8D99A

 D6D959

 D8D9AF

 D5D943

 D9D9C5

 D5D92D

 D9D9DB

 D4D918

 DAD9F1

 D4D902

 DAD9FF

 D4D900

 DBD9FF

 DCD9FF

# Harmonies

## Analogous

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



FFCB83



D7D984



A8E39B

# Triad

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



D7D984



35E6FF



FFB6E7

# Complementary

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



D7D984



8684D9

# 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.



F7C1FF



D7D984



7BDDFF

# Square

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



D7D984



3BEAEB



BFD0FF



FFB5BD

# Rectangle

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



D7D984



86E7B3



BFD0FF



FFB9F4



# Sweetspot

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



D7D984



FEFFE0



D98584



7F806E



000000



808080



# Same Dimension

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



D7D984



FCFF87



ADD984



6D6E63



A9AD00



2D2E00



# Inverse Universe

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



8684D9



8A87FF



B084D9



63636E



0400AD

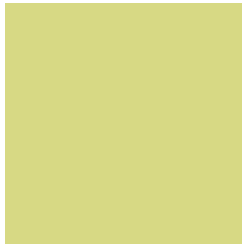


01002E



# Previews

## White Background



This preview shows how the Hex color D7D984 looks on a white background.

## Color Contrast Check

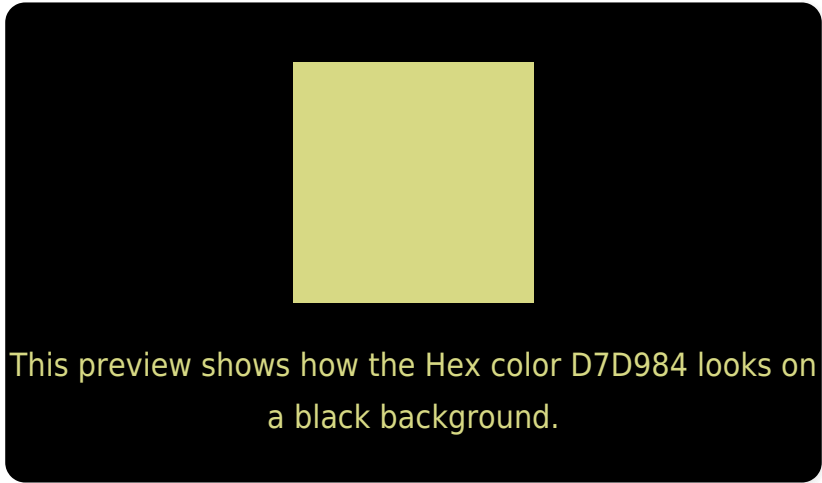
Large Text (above 18pt) WCAG AA × Fail

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

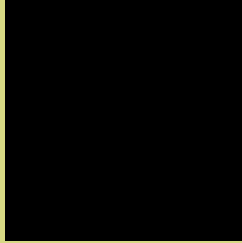
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7D984 Background



This preview shows how black text looks on a background with the Hex color D7D984.

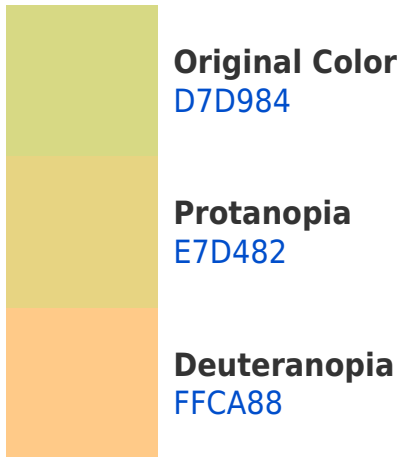


This preview shows how white text looks on a background with the Hex color D7D984.

# Color Blindness Simulation

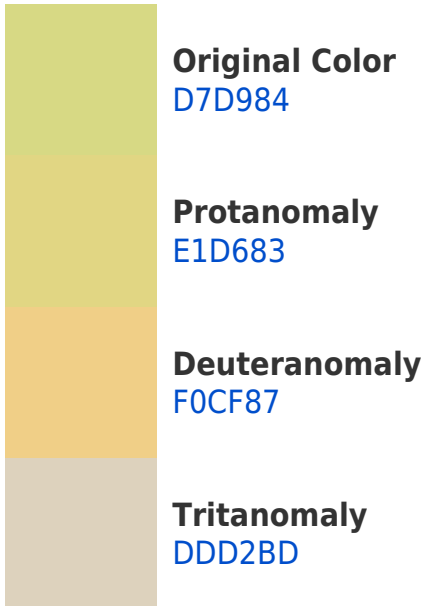
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D984 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 #D7D984 looks like.

```
.text, #text, p{  
    color:#D7D984  
}
```

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 #D7D984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D984
}
```

## Border

The CSS property to change the border of an element to Hex D7D984 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
#D7D984 }
```

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

```
.border{ border-color:#D7D984 }
```

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

Here you see how a box with a 4 pixel #D7D984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D984; -webkit-box-shadow:4px 4px  
4px 4px #D7D984; box-shadow:4px 4px 4px  
4px #D7D984 }
```

# Background

The CSS property to change the background color of an element to Hex D7D984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D984 }
```

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

```
.background{ background-color:#D7D984 }
```

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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