

# Converting Colors

Hex(D6D37A)

Have a look what the booklet for  
Hex(D6D37A) contains.

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# **Color**

**Hex(D6D37A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D37A
RGB	214, 211, 122
RGB Percent	84%, 83%, 48%
CMY	0.1608, 0.1725, 0.5216
CMYK	0.00, 0.01, 0.43, 0.16
HSL	58°, 53%, 66%
HSV	58°, 43%, 84%
XYZ	54.5387, 62.2898, 27.5610
YIQ	201.7510, 30.3570, -27.0430

# Conversions

## Conversions Part 2

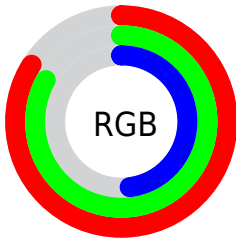
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 214, 122
Decimal	14078842
CIELab	83.07, -11.53, 44.29
CIELCh	83, 45.766, 104.587
Yxy	62.2898, 0.3777, 0.4314
Android (android.graphics.Color)	4292268922 (0xFFD6D37A)
YUV	201.7510, -39.3172, 10.7424
Hunter-Lab	78.9239, -14.7682, 34.5421

# Details

The Hex color **D6D37A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A7DD6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFB0**, and **9E9D47** is the 20% darker color. If you saturate the color by 10%, you get **D6D265**, and if you desaturate by 10%, it is **D6D48F**.

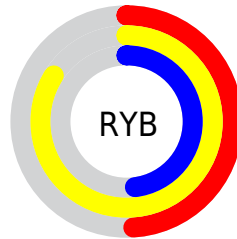
# Distribution



Red (84%)

Green (83%)

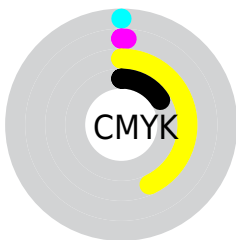
Blue (48%)



Red (49%)

Yellow (84%)

Blue (48%)

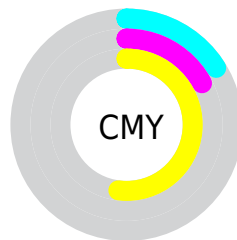


Cyan (0%)

Magenta (1%)

Yellow (43%)

Black (16%)



Cyan (16%)

Magenta (17%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D37A 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 D6D37A by changing the saturation by 10% instead.



 D6D37A

FFFFFF

 FFFFB0

 FFFFCC

 FFFFE8

 D6D37A

 B9B760

 9E9D47

 82832E

 686A13

 4E5200

 363B00

 1D2500

 001200

 000000

 D6D37A

 D6D37A

 D6D265

 D6D48F

 D6D24F

 D6D4A5

 D6D13A

 D6D5BA

 D6D024

 D6D6D0

 D6D00F

 D6D6E5

 D6CF00

 D6D7FA

 D6D8FF

 D6D9FF

# Harmonies

## Analogous

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



FEC57C



D6D37A



A6DE90

# Triad

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



D6D37A



00E2FF



FFB0E7

# Complementary

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



D6D37A



7A7DD6

# 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.



EEBCFF



D6D37A



64DAFF

# Square

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



D6D37A



1DE6E3



B2CCFF



FFADBB

# Rectangle

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



D6D37A



82E3A9



B2CCFF



FFB3F5



# Sweetspot

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



D6D37A



FFFEDE



D67A7D



807F6B



000000



808080



# Same Dimension

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



D6D37A



FFFB7A



ABD67A



6B6B60



ABA500



2B2A00



# Inverse Universe

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



7A7DD6



7A7FFF



A57AD6



60616B



0006AB



00012B



# Previews

## White Background



This preview shows how the Hex color D6D37A looks on a white background.

## Color Contrast Check

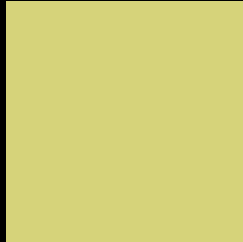
Large Text (above 18pt) WCAG AA × Fail

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 D6D37A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

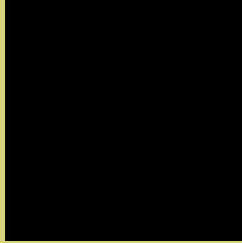
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6D37A Background



This preview shows how black text looks on a background with the Hex color D6D37A.

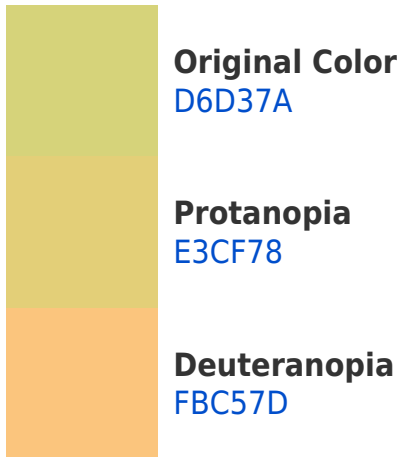


This preview shows how white text looks on a background with the Hex color D6D37A.

# 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](#).

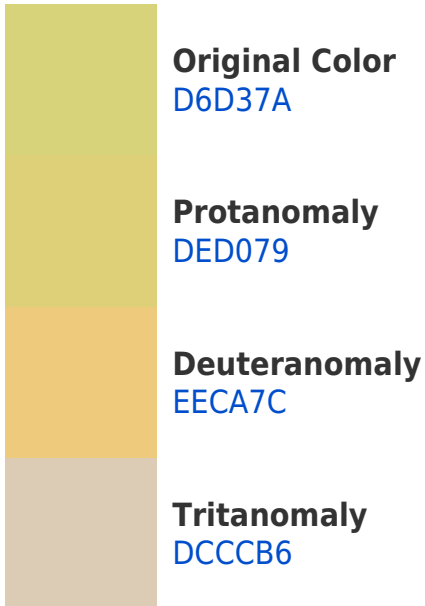
## Dichromacy



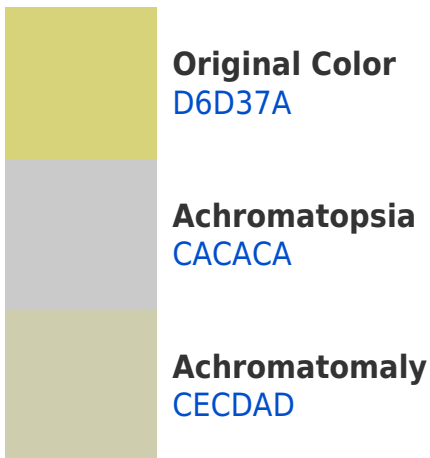


**Tritanopia**  
E0C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D37A 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 #D6D37A looks like.

```
.text, #text, p{  
    color:#D6D37A  
}
```

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 #D6D37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D37A
}
```

## Border

The CSS property to change the border of an element to Hex D6D37A 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
#D6D37A }
```

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

```
.border{ border-color:#D6D37A }
```

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

Here you see how a box with a 4 pixel #D6D37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D37A; -webkit-box-shadow:4px 4px  
4px 4px #D6D37A; box-shadow:4px 4px 4px  
4px #D6D37A }
```

# Background

The CSS property to change the background color of an element to Hex D6D37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D37A }
```

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

```
.background{ background-color:#D6D37A }
```

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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