

# Converting Colors

Hex(D6D77A)

Have a look what the booklet for  
Hex(D6D77A) contains.

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# **Color**

**Hex(D6D77A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D77A
RGB	214, 215, 122
RGB Percent	84%, 84%, 48%
CMY	0.1608, 0.1569, 0.5216
CMYK	0.00, 0.00, 0.43, 0.16
HSL	61°, 54%, 66%
HSV	61°, 43%, 84%
XYZ	55.5448, 64.3022, 27.8964
YIQ	204.0990, 29.2570, -29.1350

# Conversions

## Conversions Part 2

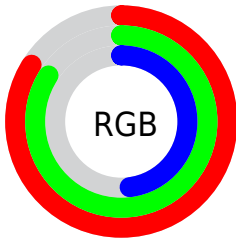
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 215, 123
Decimal	14079866
CIELab	84.12, -13.54, 45.60
CIELCh	84, 47.566, 106.534
Yxy	64.3022, 0.3760, 0.4352
Android (android.graphics.Color)	4292269946 (0xFFD6D77A)
YUV	204.0990, -40.4748, 8.6832
Hunter-Lab	80.1886, -16.6872, 35.5060

# Details

The Hex color **D6D77A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B7AD7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFB0**, and **9EA047** is the 20% darker color. If you saturate the color by 10%, you get **D6D765**, and if you desaturate by 10%, it is **D6D790**.

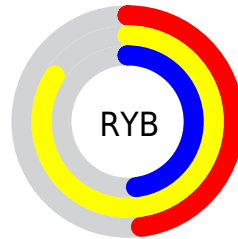
# Distribution



Red (84%)

Green (84%)

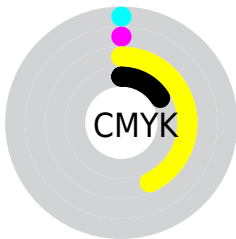
Blue (48%)



Red (48%)

Yellow (84%)

Blue (48%)

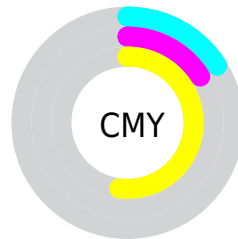


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D77A 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 D6D77A by changing the saturation by 10% instead.



 D6D77A

FFFFFF

 FFFFB0

 FFFFCC

 FFFFFE8

 D6D77A

 B9BB60

 9EA047

 82862D

 686D12

 4E5500

 353E00

 1C2800

 001500

 000000

 D6D77A

 D6D77A

 D6D765

 D6D790

 D6D74F

 D6D7A5

 D5D73A

 D7D7BB

 D5D724

 D7D7D0

 D5D70E

 D7D7E6

 D5D700

 D7D7FB

 D8D7FF

# Harmonies

## Analogous

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



FFC87A



D6D77A



A3E292

# Triad

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



D6D77A



00E6FF



FFB1E8

# Complementary

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



D6D77A



7B7AD7

# 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.



F6BDFE



D6D77A



66DCFF

# Square

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



D6D77A



00EAEA



B8CEFF



FFAFBB

# Rectangle

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



D6D77A



7DE7AD



B8CEFF



FFB4F6



# Sweetspot

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



D6D77A



FFFFDE



D77A7A



7F806B



000000



808080



# Same Dimension

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



D6D77A



FEFF7A



A9D77A



6B6B60



A9AB00



2B2B00



# Inverse Universe

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



7B7AD7



7C7AFF



A97AD7



61606B



0200AB

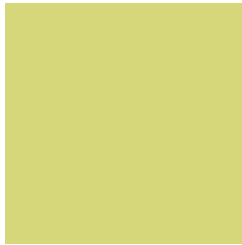


00002B



# Previews

## White Background



This preview shows how the Hex color D6D77A looks on a white background.

## Color Contrast Check

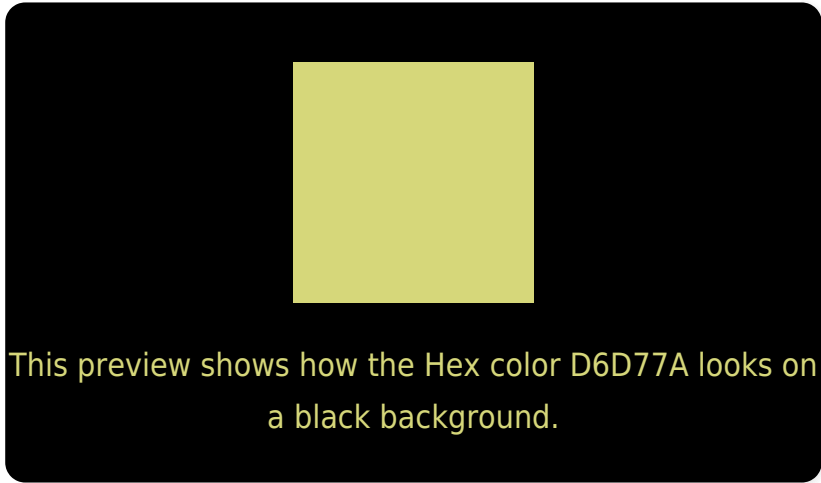
Large Text (above 18pt) WCAG AA × Fail

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

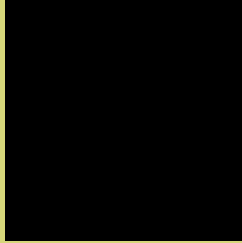
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6D77A Background



This preview shows how black text looks on a background with the Hex color D6D77A.

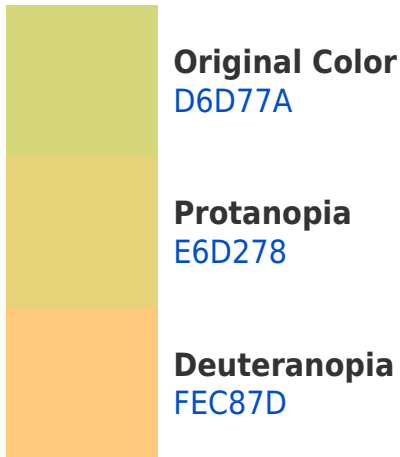


This preview shows how white text looks on a background with the Hex color D6D77A.

# Color Blindness Simulation

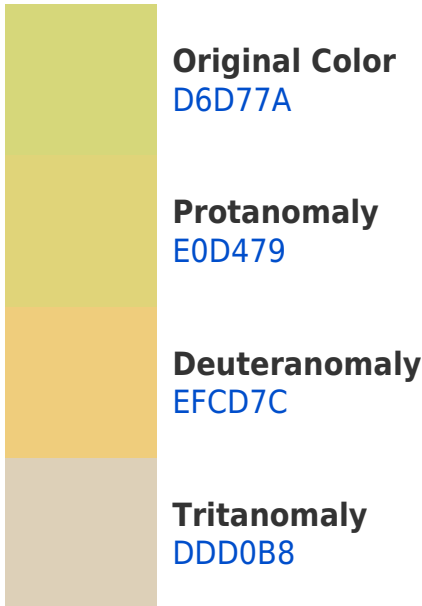
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D77A 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 #D6D77A looks like.

```
.text, #text, p{  
    color:#D6D77A  
}
```

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 #D6D77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D77A
}
```

## Border

The CSS property to change the border of an element to Hex D6D77A 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
#D6D77A }
```

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

```
.border{ border-color:#D6D77A }
```

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

Here you see how a box with a 4 pixel #D6D77A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D77A; -webkit-box-shadow:4px 4px  
4px 4px #D6D77A; box-shadow:4px 4px 4px  
4px #D6D77A }
```

# Background

The CSS property to change the background color of an element to Hex D6D77A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D77A }
```

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

```
.background{ background-color:#D6D77A }
```

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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