

# Converting Colors

Hex(D6E2A7)

Have a look what the booklet for  
Hex(D6E2A7) contains.

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# **Color**

**Hex(D6E2A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6E2A7
RGB	214, 226, 167
RGB Percent	84%, 89%, 65%
CMY	0.1608, 0.1137, 0.3451
CMYK	0.05, 0.00, 0.26, 0.11
HSL	72°, 50%, 77%
HSV	72°, 26%, 89%
XYZ	61.9030, 71.4789, 47.0934
YIQ	215.6860, 11.7870, -20.8930

# Conversions

## Conversions Part 2

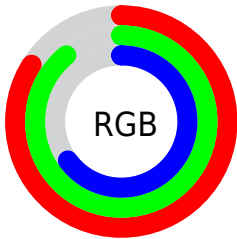
Format	Color
<a href="#">RYB</a>	<a href="#">167, 226, 179</a>
Decimal	<a href="#">14082727</a>
CIELab	<a href="#">87.72, -13.65, 27.57</a>
CIELCh	<a href="#">88, 30.767, 116.340</a>
Yxy	<a href="#">71.4789, 0.3430, 0.3961</a>
Android (android.graphics.Color)	<a href="#">4292272807</a> ( <a href="#">0xFFD6E2A7</a> )
YUV	<a href="#">215.6860, -24.0022, -1.4786</a>
Hunter-Lab	<a href="#">84.5452, -17.2585, 26.1559</a>

# Details

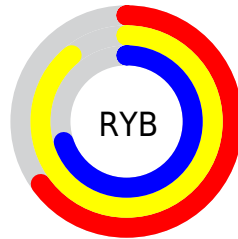
The Hex color **D6E2A7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B3A7E2**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFDE**, and **9FAB73** is the 20% darker color. If you saturate the color by 10%, you get **D1E290**, and if you desaturate by 10%, it is **DBE2BE**.

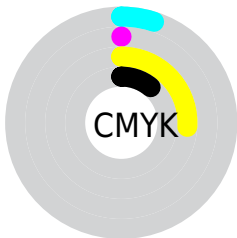
# Distribution



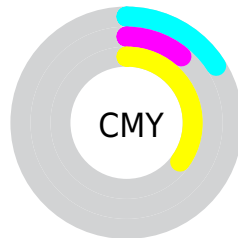
- Red (84%)
- Green (89%)
- Blue (65%)



- Red (65%)
- Yellow (89%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6E2A7 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 D6E2A7 by changing the saturation by 10% instead.



 D6E2A7

FFFFFF

 FFFFDE

 FFFFFB

 D6E2A7

 BAC68C

 9FAB73

 84905A

 6A7742

 525E2B

 3A4614

 243000

 081C00

 000000

 D6E2A7

 D6E2A7

 D1E290

 DBE2BE

 CDE27A

 DFE2D4

 C8E263

 E4E2EB

 C4E24D

 E8E2FF

 BFE236

 EDE2FF

 BAE21F

 F2E2FF

 B6E209

 F6E2FF

 B4E200

 FBE2FF

 FFE2FF

# Harmonies

## Analogous

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



F5D9A2



D6E2A7



B4E9BB

# Triad

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



D6E2A7



90E8FF



FFC7E1

# Complementary

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



D6E2A7



B3A7E2

# Split Complementary

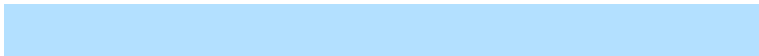
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FECCFD



D6E2A7



B3E0FF

# Square

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



D6E2A7



85ECF5



DCD6FF



FFC8C3

# Rectangle

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



D6E2A7



9FEBCD



DCD6FF



FFC8EB



# Sweetspot

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



D6E2A7



FBFFEB



E2B3A7



7D8073



000000



808080

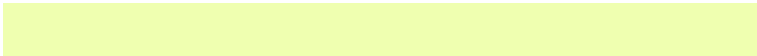


# Same Dimension

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



D6E2A7



EFFFB0



B9E2A7



6E7065



8CB000



273000



# Inverse Universe

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



B3A7E2



C0B0FF



D0A7E2



676570



2400B0



0A0030



# Previews

## White Background



This preview shows how the Hex color D6E2A7 looks on a white background.

## Color Contrast Check

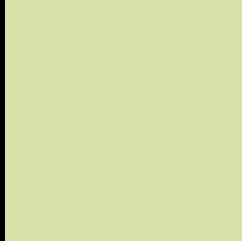
Large Text (above 18pt) WCAG AA × Fail

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 D6E2A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

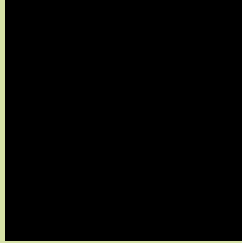
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

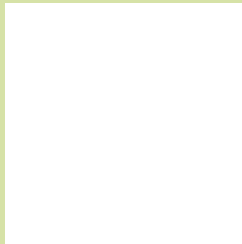
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6E2A7 Background



This preview shows how black text looks on a background with the Hex color D6E2A7.

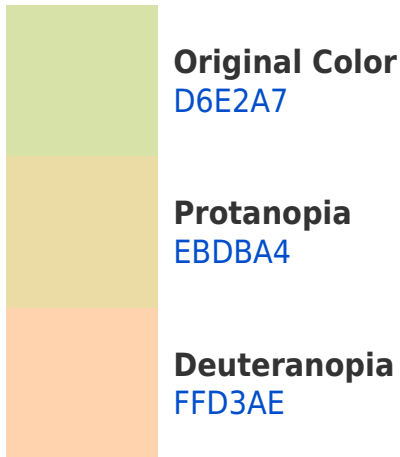


This preview shows how white text looks on a background with the Hex color D6E2A7.

# 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](#).

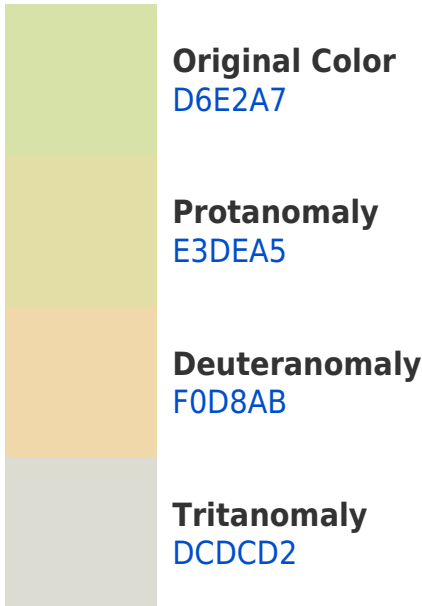
## Dichromacy



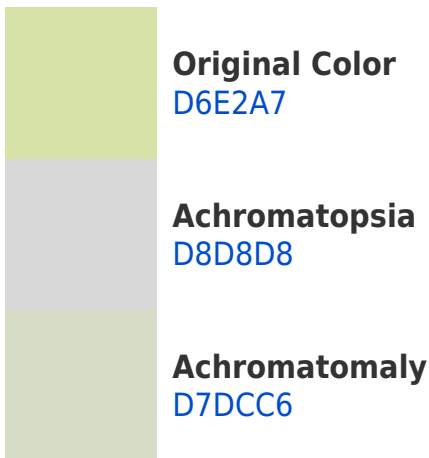


**Tritanopia**  
DFD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6E2A7 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 #D6E2A7 looks like.

```
.text, #text, p{  
    color:#D6E2A7  
}
```

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 #D6E2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E2A7
}
```

## Border

The CSS property to change the border of an element to Hex D6E2A7 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
#D6E2A7 }
```

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

```
.border{ border-color:#D6E2A7 }
```

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

Here you see how a box with a 4 pixel #D6E2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E2A7; -webkit-box-shadow:4px 4px  
4px 4px #D6E2A7; box-shadow:4px 4px 4px  
4px #D6E2A7 }
```

# Background

The CSS property to change the background color of an element to Hex D6E2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E2A7 }
```

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

```
.background{ background-color:#D6E2A7 }
```

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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