

# Converting Colors

Hex(D7E6A5)

Have a look what the booklet for  
Hex(D7E6A5) contains.

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# **Color**

**Hex(D7E6A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E6A5
RGB	215, 230, 165
RGB Percent	84%, 90%, 65%
CMY	0.1569, 0.0980, 0.3529
CMYK	0.07, 0.00, 0.28, 0.10
HSL	74°, 57%, 77%
HSV	74°, 28%, 90%
XYZ	63.1127, 73.7573, 46.5075
YIQ	218.1050, 11.9250, -23.3950

# Conversions

## Conversions Part 2

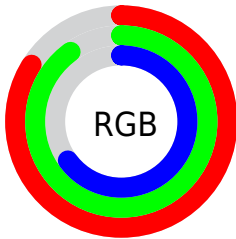
Format	Color
<a href="#">RYB</a>	<a href="#">165, 230, 180</a>
Decimal	<a href="#">14149285</a>
CIELab	<a href="#">88.81, -15.55, 30.08</a>
CIElCh	<a href="#">89, 33.862, 117.330</a>
Yxy	<a href="#">73.7573, 0.3442, 0.4022</a>
Android (android.graphics.Color)	<a href="#">4292339365</a> ( <a href="#">0xFFD7E6A5</a> )
YUV	<a href="#">218.1050, -26.1808, -2.7231</a>
Hunter-Lab	<a href="#">85.8821, -19.1183, 28.0103</a>

# Details

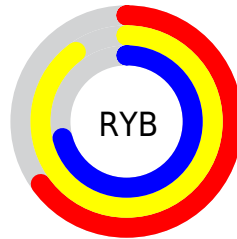
The Hex color **D7E6A5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B4A5E6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFDC**, and **A0AF71** is the 20% darker color. If you saturate the color by 10%, you get **D2E68E**, and if you desaturate by 10%, it is **DCE6BC**.

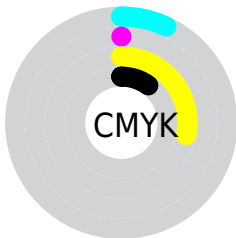
# Distribution



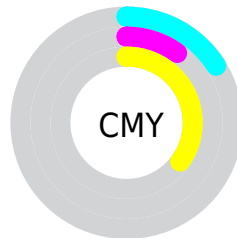
- Red (84%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E6A5 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 D7E6A5 by changing the saturation by 10% instead.



 D7E6A5

 D7E6A5

FFFFFF

 BBCA8A

 FFFFDC

 A0AF71

 FFFFF9

 859458

 6B7A40

 526128

 3A4911

 243300

 091E00

 000000

 D7E6A5

 D7E6A5

 D2E68E

 DCE6BC

 CCE677

 E2E6D3

 C7E660

 E7E6EA

 C2E649

 ECE6FF

 BCE632

 F2E6FF

 B7E61B

 F7E6FF

 B2E604

 FCE6FF

 B1E600

 FFE6FF

# Harmonies

## Analogous

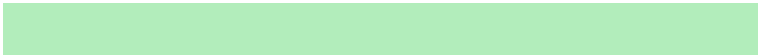
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F9DC9F



D7E6A5



B2EDBB

# Triad

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



D7E6A5



89ECFF



FFC7E3

# Complementary

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



D7E6A5



B4A5E6

# Split Complementary

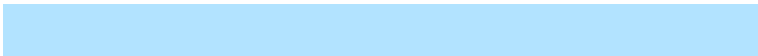
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



D7E6A5



B2E3FF

# Square

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



D7E6A5



7CF0FB



E0D8FF



FFC9C3

# Rectangle

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



D7E6A5



9AF0D0



E0D8FF



FFC9EE



# Sweetspot

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



D7E6A5



FAFFEB



E6B3A5



7D8073



000000



808080

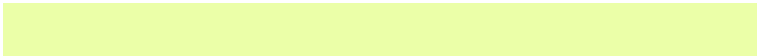


# Same Dimension

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



D7E6A5



EBFFA8



B7E6A5



707367



89B300



273300



# Inverse Universe

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



B4A5E6



BCA8FF



D4A5E6



6A6773



2900B3



0C0033



# Previews

## White Background



This preview shows how the Hex color D7E6A5 looks on a white background.

## Color Contrast Check

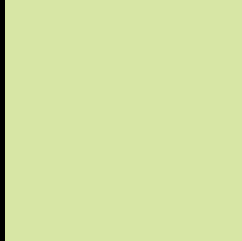
Large Text (above 18pt) WCAG AA × Fail

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 D7E6A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

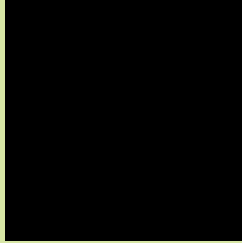
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

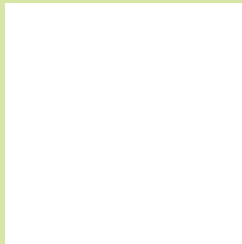
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E6A5 Background



This preview shows how black text looks on a background with the Hex color D7E6A5.

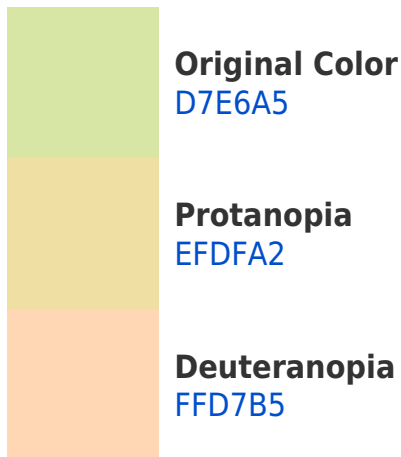


This preview shows how white text looks on a background with the Hex color D7E6A5.

# Color Blindness Simulation

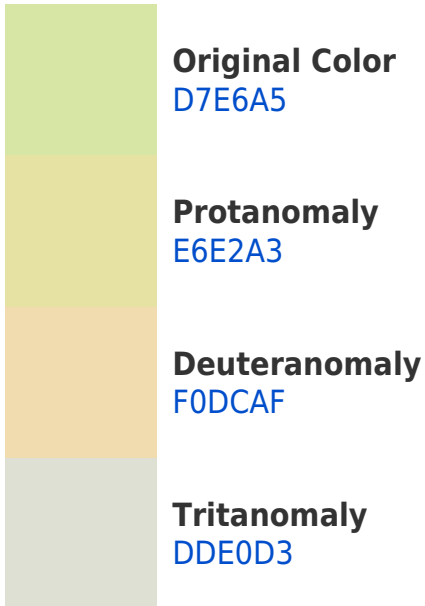
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E6A5 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 #D7E6A5 looks like.

```
.text, #text, p{  
    color:#D7E6A5  
}
```

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 #D7E6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E6A5
}
```

## Border

The CSS property to change the border of an element to Hex D7E6A5 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
#D7E6A5 }
```

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

```
.border{ border-color:#D7E6A5 }
```

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

Here you see how a box with a 4 pixel #D7E6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E6A5; -webkit-box-shadow:4px 4px  
4px 4px #D7E6A5; box-shadow:4px 4px 4px  
4px #D7E6A5 }
```

# Background

The CSS property to change the background color of an element to Hex D7E6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E6A5 }
```

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

```
.background{ background-color:#D7E6A5 }
```

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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