

# Converting Colors

Hex(D7D6E6)

Have a look what the booklet for  
Hex(D7D6E6) contains.

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# **Color**

**Hex(D7D6E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D6E6
RGB	215, 214, 230
RGB Percent	84%, 84%, 90%
CMY	0.1569, 0.1608, 0.0980
CMYK	0.07, 0.07, 0.00, 0.10
HSL	244°, 24%, 87%
HSV	244°, 7%, 90%
XYZ	66.3538, 68.2534, 84.5399
YIQ	216.1230, -4.5400, 5.1880

# Conversions

## Conversions Part 2

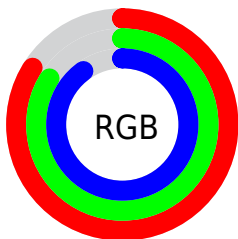
Format	Color
R <sub>YB</sub>	215, 214, 230
Decimal	14145254
CIE Lab	86.13, 3.32, -7.73
CIE LCh	86, 8.415, 293.273
Yxy	68.2534, 0.3028, 0.3115
Android (android.graphics.Color)	4292335334 (0xFFD7D6E6)
YUV	216.1230, 6.8414, -0.9849
Hunter-Lab	82.6156, -1.2126, -2.8401

# Details

The Hex color **D7D6E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5E6D6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A09FAF** is the 20% darker color. If you saturate the color by 10%, you get **C1BFE6**, and if you desaturate by 10%, it is **EDEDE6**.

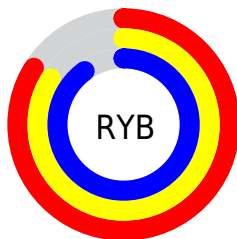
# Distribution



Red (84%)

Green (84%)

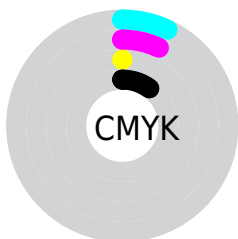
Blue (90%)



Red (84%)

Yellow (84%)

Blue (90%)

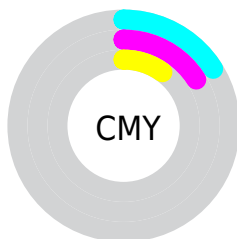


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (16%)

Magenta (16%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D6E6 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 D7D6E6 by changing the saturation by 10% instead.



■ D7D6E6

FFFFFF

■ D7D6E6

■ BBBACA

■ A09FAF

■ 868594

■ 6D6C7A

■ 545461

■ 3D3D4A

■ 272733

■ 13121E

■ 000003

 D7D6E6

 D7D6E6


 C1BFE6

 EDEDE6

 ACA8E6

 FFFFE6

 9691E6

 817AE6

 6B63E6

 564CE6

 4035E6

 2B1EE6

 1507E6

# Harmonies

## Analogous

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



CDD9E7



D7D6E6



E0D4E1

# Triad

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



D7D6E6



E7D4CB



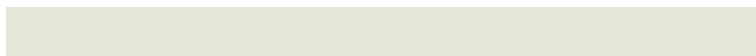
C7DCD5

# Complementary

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



D7D6E6



E5E6D6

# 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.



CEDBCE



D7D6E6



E0D6C8

# Square

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



D7D6E6



E9D2D1



D7D9C9



C4DCDD

# Rectangle

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



D7D6E6



E5D3DC



D7D9C9



C9DCD3



# Sweetspot

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



D7D6E6



FAFAFF



D6E5E6



7D7D80



000000



808080



# Same Dimension

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



D7D6E6



ECEBFF



DFD6E6



686773



0B00B3



030033



# Inverse Universe

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



E6D6E5



FFEBFE



DDE6D6



736772



B300A7

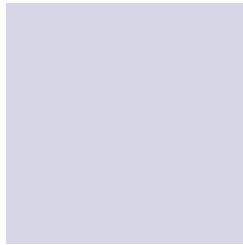


330030



# Previews

## White Background



This preview shows how the Hex color D7D6E6 looks on a white background.

## Color Contrast Check

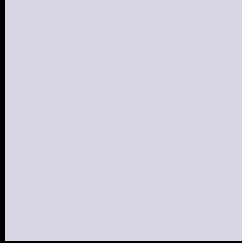
Large Text (above 18pt) WCAG AA × Fail

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 D7D6E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

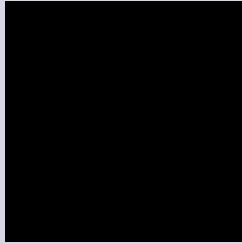
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

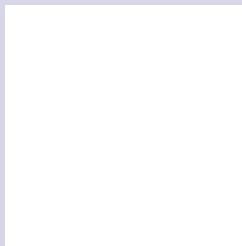
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7D6E6 Background



This preview shows how black text looks on a background with the Hex color D7D6E6.

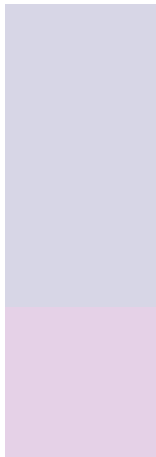


This preview shows how white text looks on a background with the Hex color D7D6E6.

# 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



**Original Color**  
D7D6E6

**Protanopia**  
D7D6E6

**Deuteranopia**  
E5D1E7



**Tritanopia**  
D7D6E7

# Trichromacy



**Original Color**  
D7D6E6

**Protanomaly**  
D7D6E6

**Deuteranomaly**  
E0D3E7

**Tritanomaly**  
D7D6E7

# Monochromacy



**Original Color**  
D7D6E6

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D8D7DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D6E6 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 #D7D6E6 looks like.

```
.text, #text, p{  
    color:#D7D6E6  
}
```

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 #D7D6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D6E6
}
```

## Border

The CSS property to change the border of an element to Hex D7D6E6 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
#D7D6E6 }
```

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

```
.border{ border-color:#D7D6E6 }
```

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

Here you see how a box with a 4 pixel #D7D6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D6E6; -webkit-box-shadow:4px 4px  
4px 4px #D7D6E6; box-shadow:4px 4px 4px  
4px #D7D6E6 }
```

# Background

The CSS property to change the background color of an element to Hex D7D6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D6E6 }
```

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

```
.background{ background-color:#D7D6E6 }
```

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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