

# Converting Colors

Hex(D7D7D6)

Have a look what the booklet for  
Hex(D7D7D6) contains.

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# **Color**

**Hex(D7D7D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D7D6
RGB	215, 215, 214
RGB Percent	84%, 84%, 84%
CMY	0.1569, 0.1569, 0.1608
CMYK	0.00, 0.00, 0.00, 0.16
HSL	60°, 1%, 84%
HSV	60°, 0%, 84%
XYZ	64.4624, 67.9030, 73.3274
YIQ	214.8860, 0.3210, -0.3110

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	214, 215, 214
Decimal	14145494
CIE Lab	85.96, -0.18, 0.48
CIE LCh	86, 0.514, 110.002
Yxy	67.9030, 0.3134, 0.3301
Android (android.graphics.Color)	4292335574 (0xFFD7D7D6)
YUV	214.8860, -0.4368, 0.1000
Hunter-Lab	82.4033, -4.5689, 4.9225

# Details

The Hex color **D7D7D6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D6D6D7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A09F** is the 20% darker color. If you saturate the color by 10%, you get **D7D7C1**, and if you desaturate by 10%, it is **D7D7EC**.

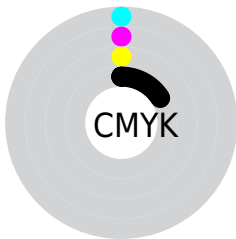
# Distribution



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



- Red (84%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D7D6 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 D7D7D6 by changing the saturation by 10% instead.



 D7D7D6

FFFFFF

 D7D7D6

 BBBBBA

 A0A09F

 868685

 6D6D6C

 555554

 3D3D3D

 282827

 131312

 000000

 D7D7D6

 D7D7D6

 D7D7C1

 D7D7EC

 D7D7AB

 D7D7FF

 D7D796

 D7D780

 D7D76B

 D7D755

 D7D740

 D7D72A

 D7D715

# Harmonies

## Analogous

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



D8D7D6



D7D7D6



D6D7D6

# Triad

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



D7D7D6



D6D7D8



D8D7D7

# Complementary

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



D7D7D6



D6D6D7

# 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.



D7D7D8



D7D7D6



D6D7D8

# Square

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



D7D7D6



D6D7D7



D7D7D8



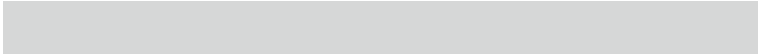
D8D7D7

# Rectangle

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



D7D7D6



D6D7D7



D7D7D8



D8D7D7



# Sweetspot

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



D7D7D6

FFFFFF



D7D6D6



808080



000000

# Same Dimension

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



D7D7D6



FFFFFC



6B6B6A



ABAB00



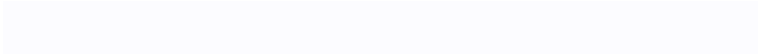
2B2B00

# Inverse Universe

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



D6D6D7



FCFCFF



D7D6D7



6A6A6B



0000AB

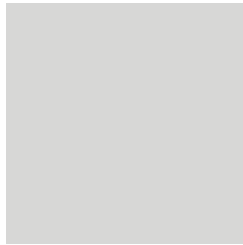


00002B



# Previews

## White Background



This preview shows how the Hex color D7D7D6 looks on a white background.

## Color Contrast Check

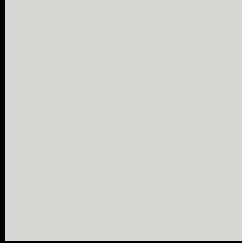
Large Text (above 18pt) WCAG AA × Fail

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 D7D7D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

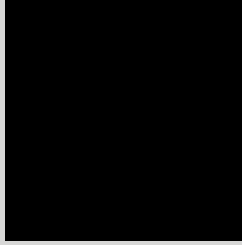
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

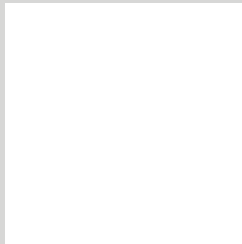
Any Text WCAG AAA ✓ Pass

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

## Hex D7D7D6 Background



This preview shows how black text looks on a background with the Hex color D7D7D6.

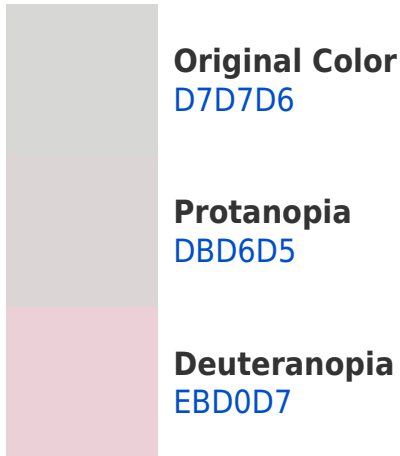


This preview shows how white text looks on a background with the Hex color D7D7D6.

# 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**  
D9D5E5

# Trichromacy



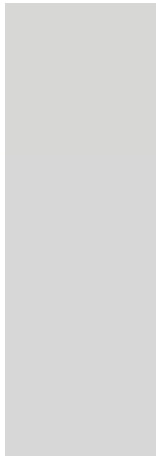
**Original Color**  
D7D7D6

**Protanomaly**  
DAD6D5

**Deuteranomaly**  
E4D3D7

**Tritanomaly**  
D8D6E0

# Monochromacy



**Original Color**  
D7D7D6

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D7D7D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D7D6 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 #D7D7D6 looks like.

```
.text, #text, p{  
    color:#D7D7D6  
}
```

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 #D7D7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D7D6
}
```

## Border

The CSS property to change the border of an element to Hex D7D7D6 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
#D7D7D6 }
```

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

```
.border{ border-color:#D7D7D6 }
```

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

Here you see how a box with a 4 pixel #D7D7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D7D6; -webkit-box-shadow:4px 4px  
4px 4px #D7D7D6; box-shadow:4px 4px 4px  
4px #D7D7D6 }
```

# Background

The CSS property to change the background color of an element to Hex D7D7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D7D6 }
```

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

```
.background{ background-color:#D7D7D6 }
```

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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