

Converting Colors

Hex(D7DE87)

Have a look what the booklet for
Hex(D7DE87) contains.

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Color

Hex(D7DE87)

Conversions

Conversions Part 1

Format	Color
Hex	D7DE87
RGB	215, 222, 135
RGB Percent	84%, 87%, 53%
CMY	0.1569, 0.1294, 0.4706
CMYK	0.03, 0.00, 0.39, 0.13
HSL	65°, 57%, 70%
HSV	65°, 39%, 87%
XYZ	58.5188, 68.4389, 33.0474
YIQ	209.9890, 23.7550, -28.5410

Conversions

Conversions Part 2

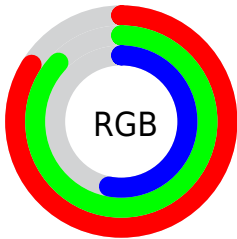
Format	Color
RYB	135, 222, 142
Decimal	14147207
CIELab	86.23, -15.27, 41.84
CIElCh	86, 44.542, 110.046
Yxy	68.4389, 0.3657, 0.4277
Android (android.graphics.Color)	4292337287 (0xFFD7DE87)
YUV	209.9890, -36.9696, 4.3946
Hunter-Lab	82.7278, -18.5089, 34.2248

Details

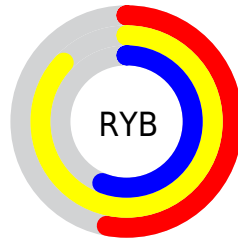
The Hex color **D7DE87** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8E87DE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFBD**, and **9FA753** is the 20% darker color. If you saturate the color by 10%, you get **D5DE71**, and if you desaturate by 10%, it is **D9DE9D**.

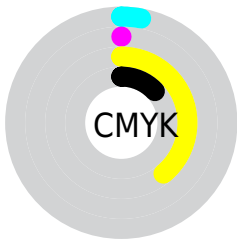
Distribution



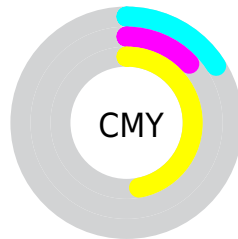
- Red (84%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7DE87 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 D7DE87 by changing the saturation by 10% instead.

 D7DE87

 D7DE87

FFFFFF

 BBC26D

 FFFFBD

 9FA753

 FFFFDA


 848D3B

 FFFFF6

 697322

 505B05

 384300

 1F2D00

 001A00

 000000

 D7DE87

 D7DE87

 D5DE71

 D9DE9D

 D3DE5B

 DBDEB3

 D2DE44

 DCDECA

 D0DE2E

 DEDEE0

 CEDE18

 E0DEF6

 CCDE02

 E2DEFF

 CCDE00

 E4DEFF

 E5DEFF

 E7DEFF

Harmonies

Analogous

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



FFD084



D7DE87



A7E8A0

Triad

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



D7DE87



38EAFF



FFB8E8

Complementary

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



D7DE87



8E87DE

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.



FFC3FF



D7DE87



82E0FF

Square

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



D7DE87



34EEF3



C8D2FF



FFB8BD

Rectangle

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



D7DE87



83ECBA



C8D2FF



FFBBF6

Sweetspot

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



D7DE87



FDFFE0



DE8D87



7E806E



000000



808080

Same Dimension

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



D7DE87



F5FF87



ADDE87



6F7065



A2B000



2D3000

Inverse Universe

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



8E87DE



9187FF



B887DE



666570



0E00B0



040030

Previews

White Background



This preview shows how the Hex color D7DE87 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 D7DE87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

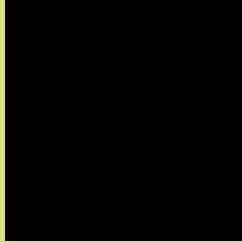
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

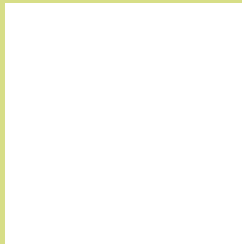
Any Text WCAG AAA ✓ Pass

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

Hex D7DE87 Background



This preview shows how black text looks on a background with the Hex color D7DE87.

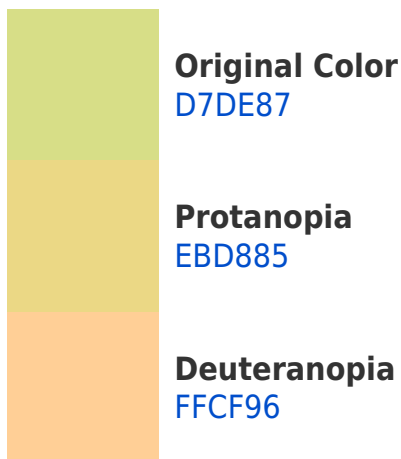


This preview shows how white text looks on a background with the Hex color D7DE87.

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](#).

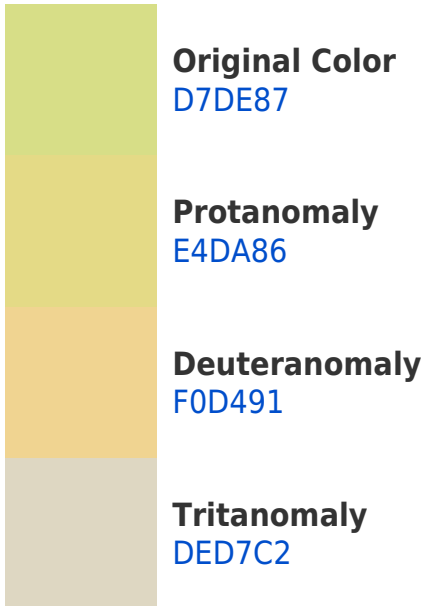
Dichromacy





Tritanopia
E2D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7DE87 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 #D7DE87 looks like.

```
.text, #text, p{  
    color:#D7DE87  
}
```

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 #D7DE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DE87
}
```

Border

The CSS property to change the border of an element to Hex D7DE87 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
#D7DE87 }
```

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

```
.border{ border-color:#D7DE87 }
```

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

Here you see how a box with a 4 pixel #D7DE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DE87; -webkit-box-shadow:4px 4px  
4px 4px #D7DE87; box-shadow:4px 4px 4px  
4px #D7DE87 }
```

Background

The CSS property to change the background color of an element to Hex D7DE87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DE87 }
```

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

```
.background{ background-color:#D7DE87 }
```

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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