

Converting Colors

Hex(D3D981)

Have a look what the booklet for
Hex(D3D981) contains.

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Color

Hex(D3D981)

Conversions

Conversions Part 1

Format	Color
Hex	D3D981
RGB	211, 217, 129
RGB Percent	83%, 85%, 51%
CMY	0.1725, 0.1490, 0.4941
CMYK	0.03, 0.00, 0.41, 0.15
HSL	64°, 54%, 68%
HSV	64°, 41%, 85%
XYZ	55.6393, 65.0596, 30.3941
YIQ	205.1740, 24.6720, -28.6400

Conversions

Conversions Part 2

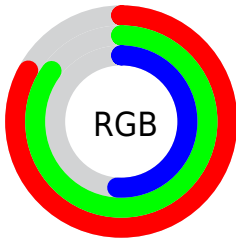
Format	Color
RYB	129, 217, 135
Decimal	13883777
CIELab	84.51, -14.99, 42.59
CIELCh	85, 45.151, 109.386
Yxy	65.0596, 0.3682, 0.4306
Android (android.graphics.Color)	4292073857 (0xFFD3D981)
YUV	205.1740, -37.5538, 5.1094
Hunter-Lab	80.6595, -18.0241, 34.1200

Details

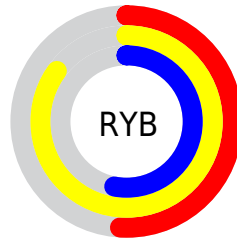
The Hex color **D3D981** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8781D9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFB7**, and **9BA24E** is the 20% darker color. If you saturate the color by 10%, you get **D2D96B**, and if you desaturate by 10%, it is **D4D997**.

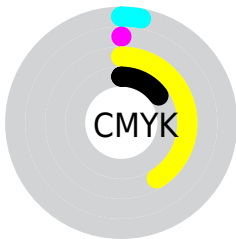
Distribution



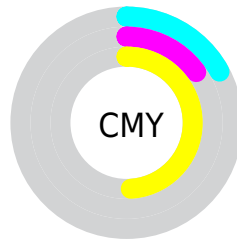
- Red (83%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3D981 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 D3D981 by changing the saturation by 10% instead.

 D3D981

 D3D981

FFFFFF

 B7BD67

 FFFFB7

 9BA24E

 FFFFD3

 808835

 FFFFF0

 666F1B

 4C5600

 343F00

 1B2900

 001700

 000000

 D3D981

 D3D981

 D2D96B

 D4D997

 D0D956

 D6D9AC

 CFD940

 D7D9C2

 CDD92A

 D9D9D8

 CCD914

 DAD9ED

 CAD900

 DCD9FF

 DDD9FF

 DFD9FF

 E0D9FF

Harmonies

Analogous

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



FCCB7F



D3D981



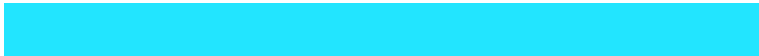
A2E39A

Triad

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



D3D981



22E5FF



FFB3E4

Complementary

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



D3D981



8781D9

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.



FABEFF



D3D981



79DCFF

Square

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



D3D981



22EAEE



C1CDFF



FFB3B9

Rectangle

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



D3D981



7EE7B4



C1CDFF



FFB6F2

Sweetspot

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



D3D981



FDFFE0



D98781



7E806E



000000



808080

Same Dimension

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



D3D981



F6FF82



A7D981



6D6E63



A2AD00



2B2E00

Inverse Universe

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



8781D9



8B82FF



B381D9



63636E



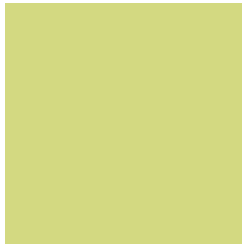
0C00AD



03002E

Previews

White Background



This preview shows how the Hex color D3D981 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 D3D981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

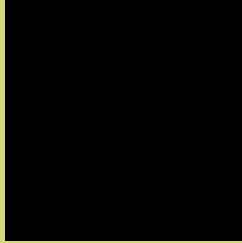
Any Text WCAG AA ✓ Pass

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 D3D981 Background



This preview shows how black text looks on a background with the Hex color D3D981.

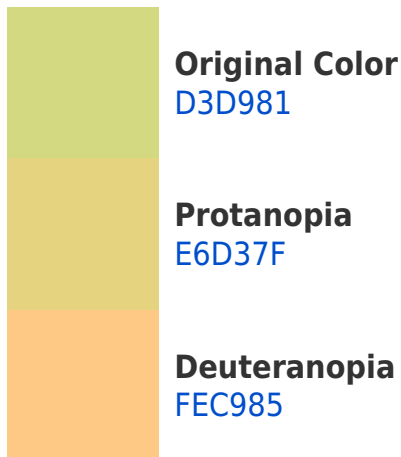


This preview shows how white text looks on a background with the Hex color D3D981.

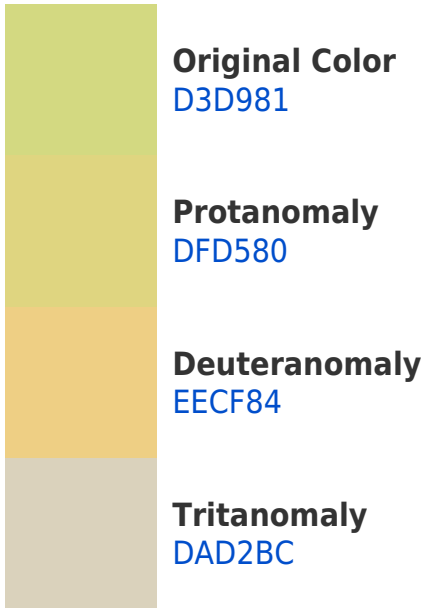
Color Blindness Simulation

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](#).

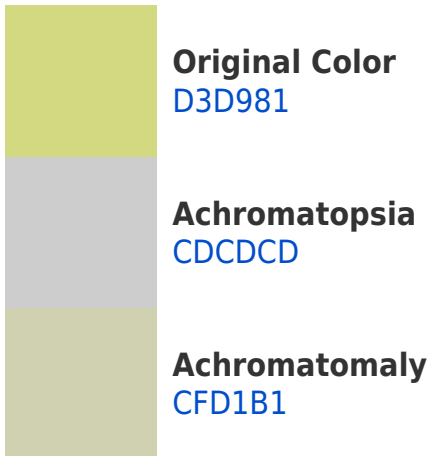
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3D981 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 #D3D981 looks like.

```
.text, #text, p{  
    color:#D3D981  
}
```

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 #D3D981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3D981
}
```

Border

The CSS property to change the border of an element to Hex D3D981 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
#D3D981 }
```

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

```
.border{ border-color:#D3D981 }
```

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

Here you see how a box with a 4 pixel #D3D981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3D981; -webkit-box-shadow:4px 4px  
4px 4px #D3D981; box-shadow:4px 4px 4px  
4px #D3D981 }
```

Background

The CSS property to change the background color of an element to Hex D3D981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3D981 }
```

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

```
.background{ background-color:#D3D981 }
```

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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