

Converting Colors

Hex(D3B281)

Have a look what the booklet for
Hex(D3B281) contains.

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Color

Hex(D3B281)

Conversions

Conversions Part 1

Format	Color
Hex	D3B281
RGB	211, 178, 129
RGB Percent	83%, 70%, 51%
CMY	0.1725, 0.3020, 0.4941
CMYK	0.00, 0.16, 0.39, 0.17
HSL	36°, 48%, 67%
HSV	36°, 39%, 83%
XYZ	46.7468, 47.2747, 27.4300
YIQ	182.2810, 35.3970, -8.2430

Conversions

Conversions Part 2

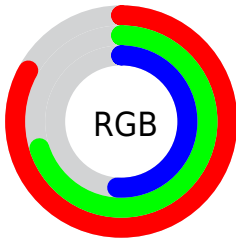
Format	Color
RYB	184, 211, 129
Decimal	13873793
CIELab	74.37, 5.17, 29.49
CIElCh	74, 29.938, 80.052
Yxy	47.2747, 0.3849, 0.3892
Android (android.graphics.Color)	4292063873 (0xFFD3B281)
YUV	182.2810, -26.2675, 25.1866
Hunter-Lab	68.7566, 1.0361, 24.4762

Details

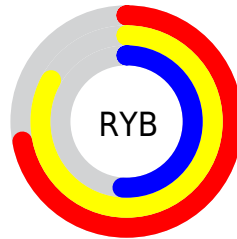
The Hex color **D3B281** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **81A2D3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEAB6**, and **9B7D4F** is the 20% darker color. If you saturate the color by 10%, you get **D3AA6C**, and if you desaturate by 10%, it is **D3BA96**.

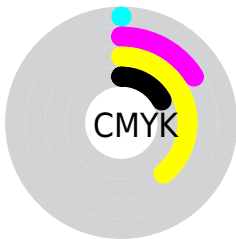
Distribution



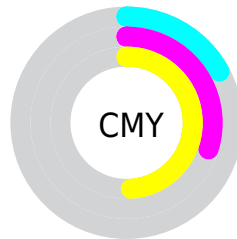
- Red (83%)
- Green (70%)
- Blue (51%)



- Red (72%)
- Yellow (83%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (17%)



- Cyan (17%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3B281 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 D3B281 by changing the saturation by 10% instead.

 D3B281

 D3B281

FFFFFF

 B79768

 FFEAB6

 9B7D4F

 FFFFD2

 806537

 FFFFEE

 664D21

 4C360A

 342100

 1C0B00

 000000

 D3B281

 D3B281

 D3AA6C

 D3BA96

 D3A157

 D3C3AB

 D39942

 D3CBC0

 D3902D

 D3D4D5

 D38818

 D3DCEB

 D37F02

 D3E5FF

 D37E00

 D3EDFF

 D3F6FF

 D3FEFF

Harmonies

Analogous

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



E7A98E



D3B281



B7BB83

Triad

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



D3B281



63C6C9



D1AADA

Complementary

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



D3B281



81A2D3

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.



AEB3EA



D3B281



67C3E0

Square

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



D3B281



79C6AC



87BCEC



E7A3C1

Rectangle

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



D3B281



A3C08C



87BCEC



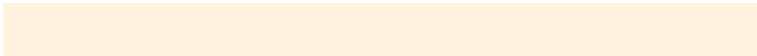
C7ADE1

Sweetspot

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



D3B281



FFF3E0



D381A3



80786E



000000



808080

Same Dimension

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



D3B281



FFCF87



CCD381



69645E



A86500



291800

Inverse Universe

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



81A2D3



87B7FF



8881D3



5E6269



0044A8



001029

Previews

White Background



This preview shows how the Hex color D3B281 looks on a white background.

Color Contrast Check

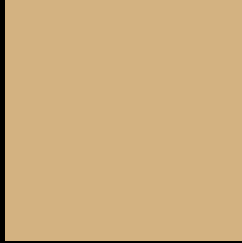
Large Text (above 18pt) WCAG AA × Fail

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 D3B281 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 D3B281 Background



This preview shows how black text looks on a background with the Hex color D3B281.



This preview shows how white text looks on a background with the Hex color D3B281.

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
D3B281

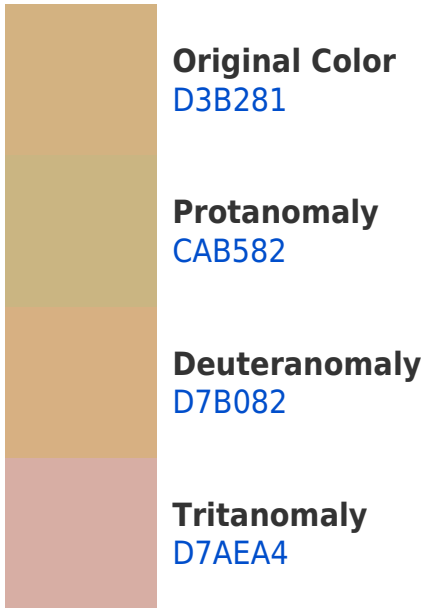
Protanopia
C5B783

Deuteranopia
DAAF82

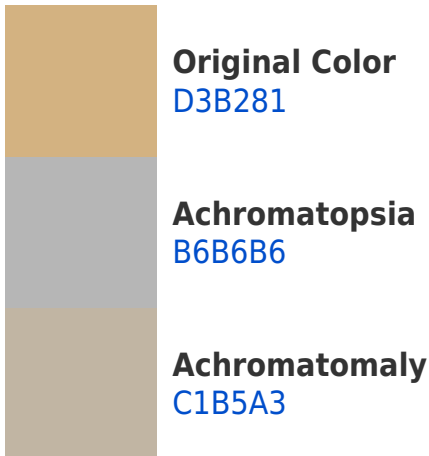


Tritanopia
D9ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3B281 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 #D3B281 looks like.

```
.text, #text, p{  
    color:#D3B281  
}
```

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 #D3B281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B281
}
```

Border

The CSS property to change the border of an element to Hex D3B281 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
#D3B281 }
```

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

```
.border{ border-color:#D3B281 }
```

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

Here you see how a box with a 4 pixel #D3B281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B281; -webkit-box-shadow:4px 4px  
4px 4px #D3B281; box-shadow:4px 4px 4px  
4px #D3B281 }
```

Background

The CSS property to change the background color of an element to Hex D3B281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B281 }
```

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

```
.background{ background-color:#D3B281 }
```

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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