

Converting Colors

Hex(D7B081)

Have a look what the booklet for
Hex(D7B081) contains.

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Color

Hex(D7B081)

Conversions

Conversions Part 1

Format	Color
Hex	D7B081
RGB	215, 176, 129
RGB Percent	84%, 69%, 51%
CMY	0.1569, 0.3098, 0.4941
CMYK	0.00, 0.18, 0.40, 0.16
HSL	33°, 52%, 67%
HSV	33°, 40%, 84%
XYZ	47.5121, 47.0827, 27.3526
YIQ	182.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

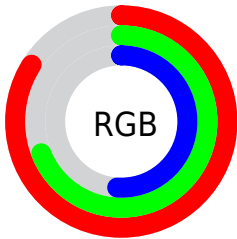
Format	Color
R_{YB}	200, 215, 129
Decimal	14135425
CIE _{Lab}	74.24, 7.84, 29.40
CIE _{LCh}	74, 30.424, 75.063
Yxy	47.0827, 0.3896, 0.3861
Android (android.graphics.Color)	4292325505 (0xFFD7B081)
YUV	182.3030, -26.2784, 28.6753
Hunter-Lab	68.6168, 3.5186, 24.3971

Details

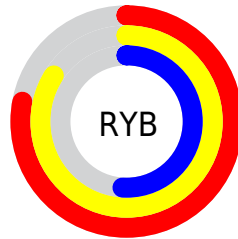
The Hex color **D7B081** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **81A8D7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE8B6**, and **9F7C4F** is the 20% darker color. If you saturate the color by 10%, you get **D7A66C**, and if you desaturate by 10%, it is **D7BA97**.

Distribution



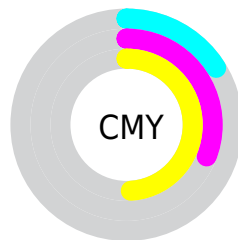
- Red (84%)
- Green (69%)
- Blue (51%)



- Red (78%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7B081 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 D7B081 by changing the saturation by 10% instead.

 D7B081

 D7B081

FFFFFF

 BA9568

 FFE8B6

 9F7C4F

 FFFFD2

 836338

 FFFFEE

 694B21

 4F340A

 371F00

 1F0900

 000000

 D7B081

 D7B081

 D7A66C

 D7BA97

 D79D56

 D7C4AC

 D79341

 D7CDC2

 D7892B

 D7D7D7

 D77F15

 D7E1ED

 D77600

 D7EBFF

 D7F4FF

 D7FEFF

 D7FFFF

Harmonies

Analogous

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



E9A790



D7B081



BCB980

Triad

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



D7B081



63C6C4



CCABDE

Complementary

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



D7B081



81A8D7

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.



A7B4EC



D7B081



62C4DD

Square

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



D7B081



7CC5A7



7FBDEC



E5A3C6

Rectangle

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



D7B081



A7BF88



7FBDEC



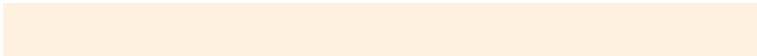
C1AEE4

Sweetspot

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



D7B081



FFF1E0



D781A9



80776E



000000



808080

Same Dimension

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



D7B081



FFC785



D4D781



6B6660



AB5D00



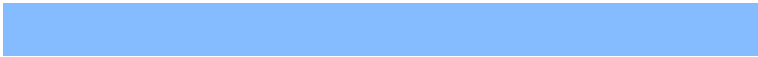
2B1800

Inverse Universe

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



81A8D7



85BCFF



8481D7



60656B



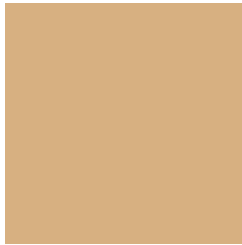
004DAB



00142B

Previews

White Background



This preview shows how the Hex color D7B081 looks on a white background.

Color Contrast Check

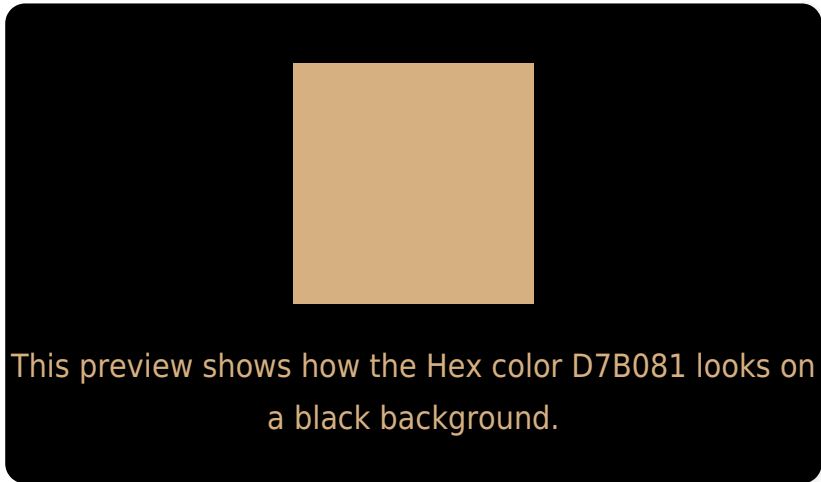
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

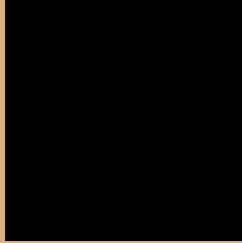
Any Text WCAG AA ✓ Pass

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 D7B081 Background



This preview shows how black text looks on a background with the Hex color D7B081.



This preview shows how white text looks on a background with the Hex color D7B081.

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
D7B081

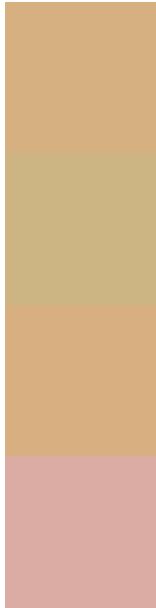
Protanopia
C5B784

Deuteranopia
D9AF81



Tritanopia
DCA9B6

Trichromacy



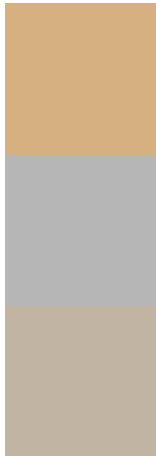
Original Color
D7B081

Protanomaly
CCB483

Deuteranomaly
D8AF81

Tritanomaly
DAACA3

Monochromacy



Original Color
D7B081

Achromatopsia
B6B6B6

Achromatomaly
C2B4A3

CSS Examples

Text

The CSS property to change the color of the text to Hex D7B081 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 #D7B081 looks like.

```
.text, #text, p{  
    color:#D7B081  
}
```

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 #D7B081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B081
}
```

Border

The CSS property to change the border of an element to Hex D7B081 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
#D7B081 }
```

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

```
.border{ border-color:#D7B081 }
```

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

Here you see how a box with a 4 pixel #D7B081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B081; -webkit-box-shadow:4px 4px  
4px 4px #D7B081; box-shadow:4px 4px 4px  
4px #D7B081 }
```

Background

The CSS property to change the background color of an element to Hex D7B081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B081 }
```

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

```
.background{ background-color:#D7B081 }
```

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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