

Converting Colors

Hex(D7AA83)

Have a look what the booklet for
Hex(D7AA83) contains.

Hex(D7AA83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7AA83)

Conversions

Conversions Part 1

Format	Color
Hex	D7AA83
RGB	215, 170, 131
RGB Percent	84%, 67%, 51%
CMY	0.1569, 0.3333, 0.4863
CMYK	0.00, 0.21, 0.39, 0.16
HSL	28°, 51%, 68%
HSV	28°, 39%, 84%
XYZ	46.4958, 44.8352, 27.6762
YIQ	179.0090, 39.3390, -2.5890

Conversions

Conversions Part 2

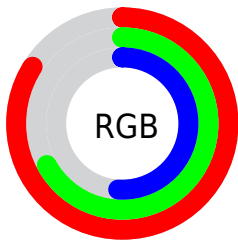
Format	Color
RYB	215, 204, 131
Decimal	14133891
CIELab	72.78, 11.28, 26.38
CIELCh	73, 28.695, 66.847
Yxy	44.8352, 0.3907, 0.3767
Android (android.graphics.Color)	4292323971 (0xFFD7AA83)
YUV	179.0090, -23.6684, 31.5641
Hunter-Lab	66.9591, 6.7703, 22.3650

Details

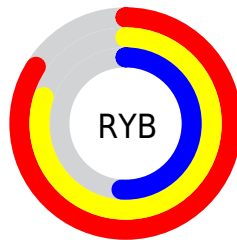
The Hex color **D7AA83** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **83B0D7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE1B8**, and **9F7651** is the 20% darker color. If you saturate the color by 10%, you get **D79E6E**, and if you desaturate by 10%, it is **D7B699**.

Distribution



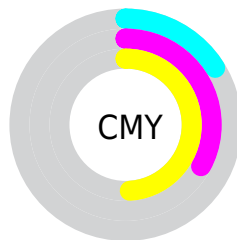
- Red (84%)
- Green (67%)
- Blue (51%)



- Red (84%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7AA83 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 D7AA83 by changing the saturation by 10% instead.

 D7AA83

 D7AA83

FFFFFF

 BA906A

 FFE1B8

 9F7651

 FFFED4

 835D3A

 FFFFF0

 694623

 4F2F0E

 371A00

 1F0100

 000000

 D7AA83

 D7AA83

 D79E6E

 D7B699

 D79358

 D7C1AE

 D78742

 D7CDC3

 D77C2D

 D7D8D9

 D77017

 D7E4EE

 D76502

 D7EFFF

 D76400

 D7FBFF

 D7FFFF

Harmonies

Analogous

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



E5A294



D7AA83



BFB37E

Triad

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



D7AA83



6BC1B8



BEAADD

Complementary

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



D7AA83



83B0D7

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.



9AB3E6



D7AA83



62C0D1

Square

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



D7AA83



84BF9D



76BBE2



D9A2C8

Rectangle

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



D7AA83



ADB883



76BBE2



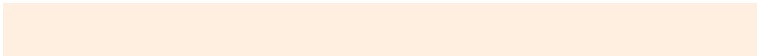
B3ADE1

Sweetspot

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



D7AA83



FFEFE0



D783B1



80766E



000000



808080

Same Dimension

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



D7AA83



FFBF87



D7D383



6B6560



AB4F00



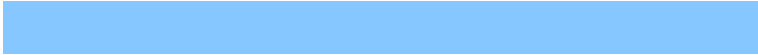
2B1400

Inverse Universe

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



83B0D7



87C7FF



8387D7



60666B



005CAB



00172B

Previews

White Background



This preview shows how the Hex color D7AA83 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 D7AA83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

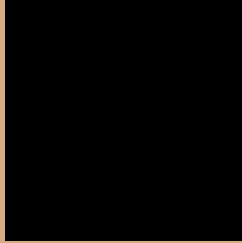
Any Text WCAG AA ✓ Pass

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 D7AA83 Background



This preview shows how black text looks on a background with the Hex color D7AA83.

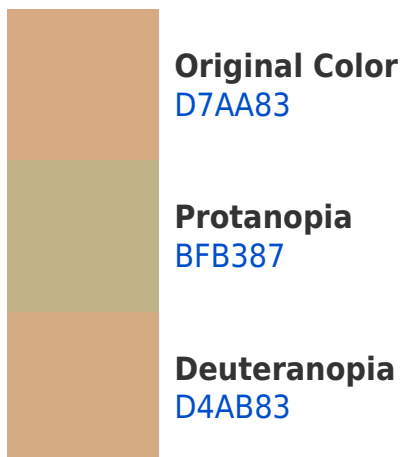


This preview shows how white text looks on a background with the Hex color D7AA83.

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](#).

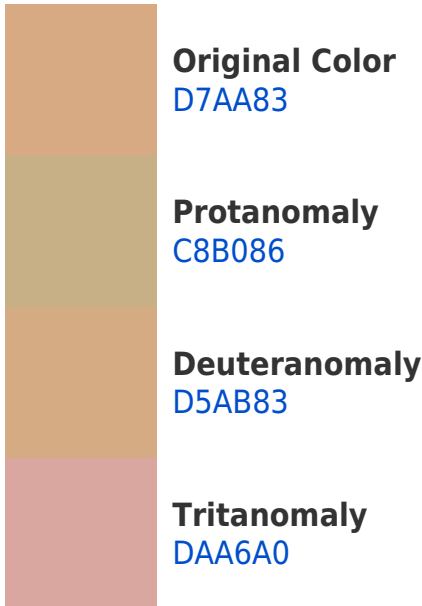
Dichromacy



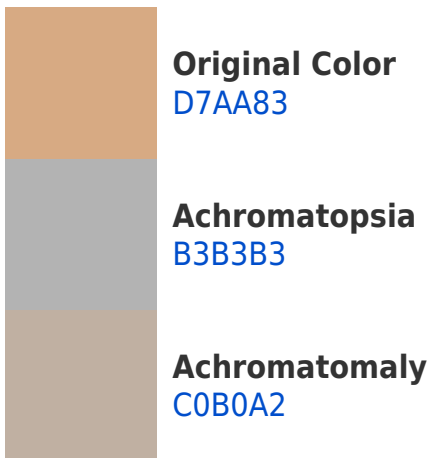


Tritanopia
DCA4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7AA83 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 #D7AA83 looks like.

```
.text, #text, p{  
    color:#D7AA83  
}
```

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 #D7AA83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AA83
}
```

Border

The CSS property to change the border of an element to Hex D7AA83 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
#D7AA83 }
```

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

```
.border{ border-color:#D7AA83 }
```

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

Here you see how a box with a 4 pixel #D7AA83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AA83; -webkit-box-shadow:4px 4px  
4px 4px #D7AA83; box-shadow:4px 4px 4px  
4px #D7AA83 }
```

Background

The CSS property to change the background color of an element to Hex D7AA83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AA83 }
```

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

```
.background{ background-color:#D7AA83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor