

Converting Colors

Hex(D7A663)

Have a look what the booklet for
Hex(D7A663) contains.

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Color

Hex(D7A663)

Conversions

Conversions Part 1

Format	Color
Hex	D7A663
RGB	215, 166, 99
RGB Percent	84%, 65%, 39%
CMY	0.1569, 0.3490, 0.6118
CMYK	0.00, 0.23, 0.54, 0.16
HSL	35°, 59%, 62%
HSV	35°, 54%, 84%
XYZ	43.9127, 42.6204, 17.7165
YIQ	173.0130, 50.7110, -10.4490

Conversions

Conversions Part 2

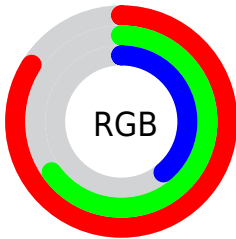
Format	Color
RYB	184, 215, 99
Decimal	14132835
CIELab	71.30, 10.26, 41.32
CIELCh	71, 42.578, 76.063
Yxy	42.6204, 0.4212, 0.4088
Android (android.graphics.Color)	4292322915 (0xFFD7A663)
YUV	173.0130, -36.4884, 36.8226
Hunter-Lab	65.2843, 5.8184, 29.6092

Details

The Hex color **D7A663** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6394D7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDD97**, and **9D7232** is the 20% darker color. If you saturate the color by 10%, you get **D79D4E**, and if you desaturate by 10%, it is **D7AF79**.

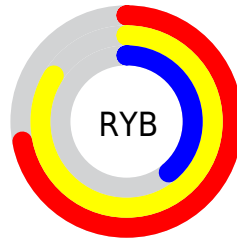
Distribution



Red (84%)

Green (65%)

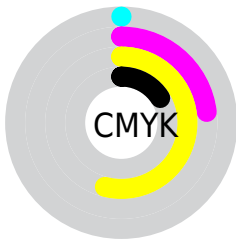
Blue (39%)



Red (72%)

Yellow (84%)

Blue (39%)

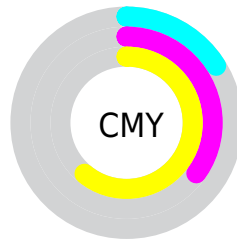


Cyan (0%)

Magenta (23%)

Yellow (54%)

Black (16%)



Cyan (16%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A663 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 D7A663 by changing the saturation by 10% instead.

 D7A663

 D7A663


FFFFFF

 BA8C4A

 FFDD97

 9D7232

 FFFAB2

 815A19

 FFFFCE

 664200

 FFFFEB

 4C2C00

 321800

 1A0000

 000000

 D7A663

 D7A663

 D79D4E

 D7AF79

 D79438

 D7B88E

 D78B23

 D7C1A4

 D7820D

 D7CAB9

 D77C00

 D7D3CF

 D7DCE4

 D7E6FA

 D7EFFF

 D7F8FF

Harmonies

Analogous

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



F09978



D7A663



B3B362

Triad

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



D7A663



00C3C3



CD9DE5

Complementary

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



D7A663



6394D7

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.



97ABF9



D7A663



00C0E5

Square

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



D7A663



52C29B



4DB8F9



EE92C2

Rectangle

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



D7A663



96BA6E



4DB8F9



BDA2ED

Sweetspot

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



D7A663



FFEED6



D76395



807567



000000



808080

Same Dimension

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



D7A663



FFB959



CFD763



6B6760



AB6300



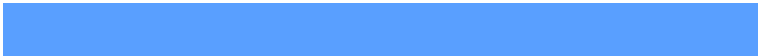
2B1900

Inverse Universe

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



6394D7



599FFF



6B63D7



60656B



0048AB



00122B

Previews

White Background



This preview shows how the Hex color D7A663 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

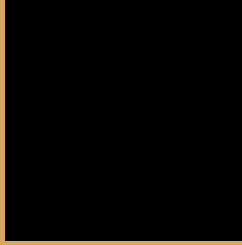
Any Text WCAG AA ✓ Pass

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 D7A663 Background



This preview shows how black text looks on a background with the Hex color D7A663.

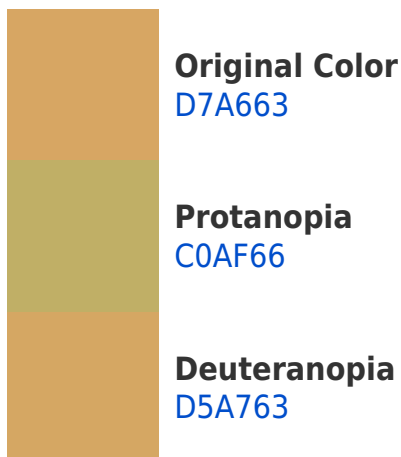


This preview shows how white text looks on a background with the Hex color D7A663.

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](#).

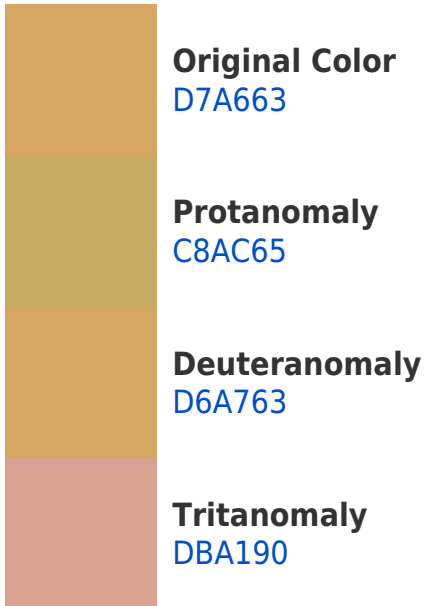
Dichromacy



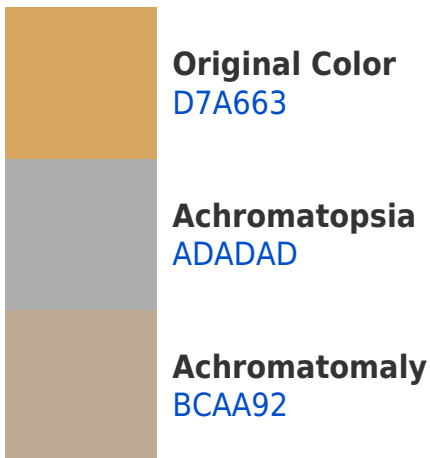


Tritanopia
DD9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A663 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 #D7A663 looks like.

```
.text, #text, p{  
    color:#D7A663  
}
```

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 #D7A663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A663
}
```

Border

The CSS property to change the border of an element to Hex D7A663 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
#D7A663 }
```

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

```
.border{ border-color:#D7A663 }
```

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

Here you see how a box with a 4 pixel #D7A663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A663; -webkit-box-shadow:4px 4px  
4px 4px #D7A663; box-shadow:4px 4px 4px  
4px #D7A663 }
```

Background

The CSS property to change the background color of an element to Hex D7A663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A663 }
```

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

```
.background{ background-color:#D7A663 }
```

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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