

Converting Colors

Hex(D7A448)

Have a look what the booklet for
Hex(D7A448) contains.

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Color

Hex(D7A448)

Conversions

Conversions Part 1

Format	Color
Hex	D7A448
RGB	215, 164, 72
RGB Percent	84%, 64%, 28%
CMY	0.1569, 0.3569, 0.7176
CMYK	0.00, 0.24, 0.67, 0.16
HSL	39°, 64%, 56%
HSV	39°, 67%, 84%
XYZ	42.4695, 41.4659, 11.8962
YIQ	168.7610, 59.9280, -17.8000

Conversions

Conversions Part 2

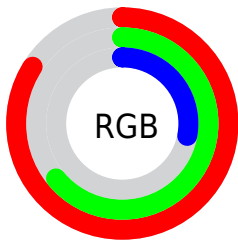
Format	Color
RYB	151, 215, 72
Decimal	14132296
CIELab	70.50, 9.40, 53.53
CIELCh	71, 54.347, 80.037
Yxy	41.4659, 0.4432, 0.4327
Android (android.graphics.Color)	4292322376 (0xFFD7A448)
YUV	168.7610, -47.7032, 40.5516
Hunter-Lab	64.3940, 5.0358, 34.1225

Details

The Hex color **D7A448** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **487BD7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDB7C**, and **9C7011** is the 20% darker color. If you saturate the color by 10%, you get **D79C33**, and if you desaturate by 10%, it is **D7AC5E**.

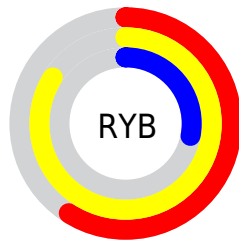
Distribution



Red (84%)

Green (64%)

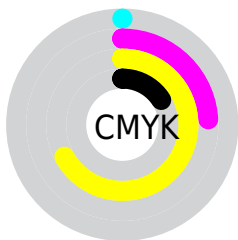
Blue (28%)



Red (59%)

Yellow (84%)

Blue (28%)

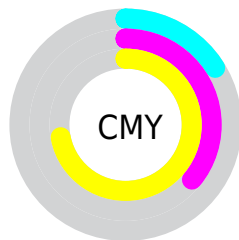


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A448 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 D7A448 by changing the saturation by 10% instead.

 D7A448

 D7A448

FFFFFF

 B98A2E

 FFDB7C

 9C7011

 FFF797

 805800

 FFFFB3

 644100

 FFFFCE

 492B00

 FFFFEC

 2F1700

 170000

 000000

 D7A448

 D7A448

 D79C33

 D7AC5E

 D7951D

 D7B373

 D78D08

 D7BB89

 D78A00

 D7C39E

 D7CAB4

 D7D2C9

 D7DADF

 D7E1F4

 D7E9FF

Harmonies

Analogous

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



F99262



D7A448



A8B44B

Triad

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



D7A448



00C5CD



D992EC

Complementary

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



D7A448



487BD7

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.



94A6FF



D7A448



00C1F7

Square

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



D7A448



00C49A



00B7FF



FF84BF

Rectangle

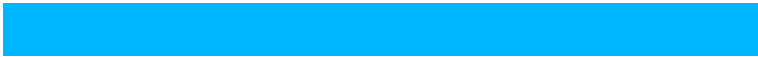
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7A448



83BC5D



00B7FF



C699F8

Sweetspot

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



D7A448



FFEDCC



D7487C



807561



000000



808080

Same Dimension

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



D7A448



FFB633



C4D748



6B6760



AB6E00



2B1C00

Inverse Universe

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



487BD7



337CFF



5B48D7



60646B



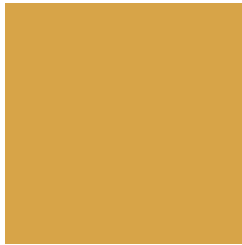
003DAB



000F2B

Previews

White Background



This preview shows how the Hex color D7A448 looks on a white background.

Color Contrast Check

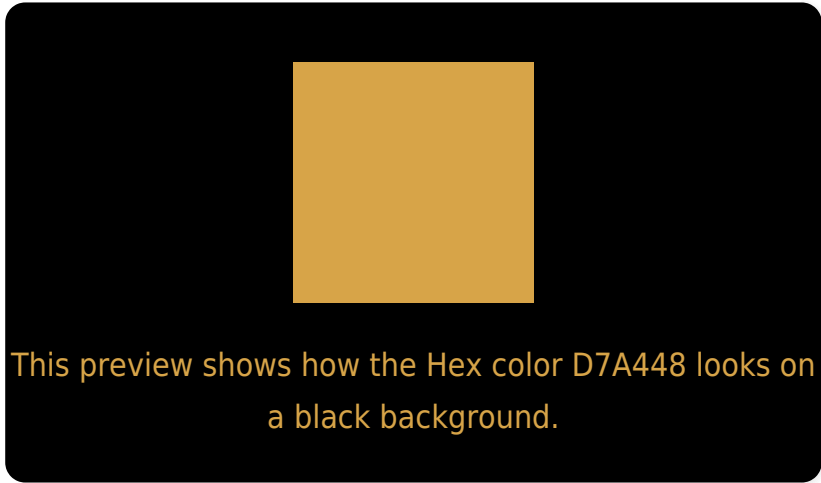
Large Text (above 18pt) WCAG AA × Fail

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 D7A448 Background



This preview shows how black text looks on a background with the Hex color D7A448.

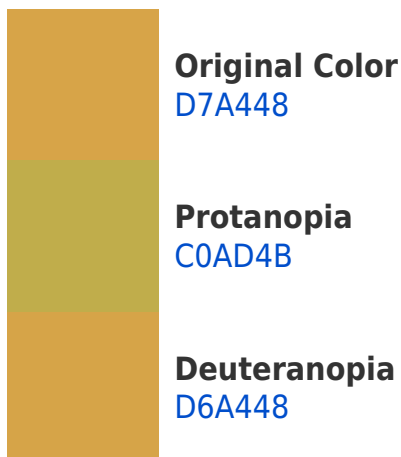


This preview shows how white text looks on a background with the Hex color D7A448.

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](#).

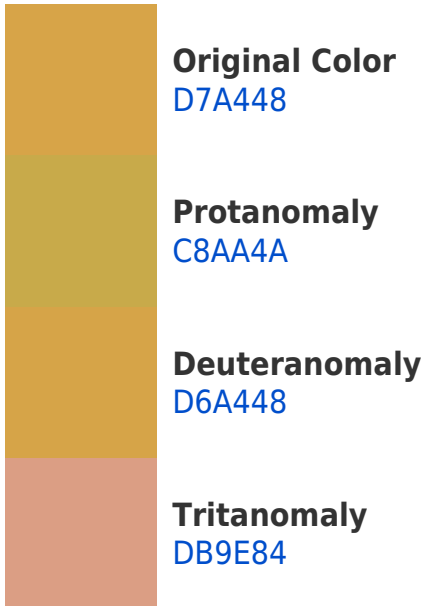
Dichromacy



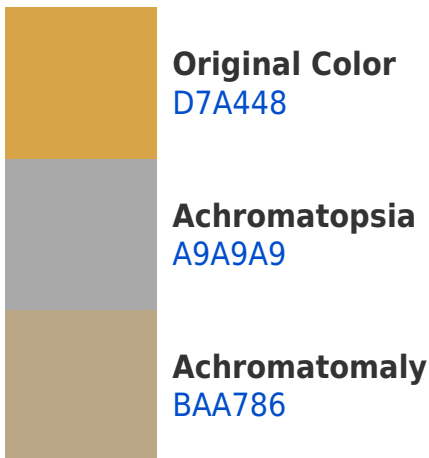


Tritanopia
DE9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A448 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 #D7A448 looks like.

```
.text, #text, p{  
    color:#D7A448  
}
```

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 #D7A448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A448
}
```

Border

The CSS property to change the border of an element to Hex D7A448 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
#D7A448 }
```

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

```
.border{ border-color:#D7A448 }
```

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

Here you see how a box with a 4 pixel #D7A448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A448; -webkit-box-shadow:4px 4px  
4px 4px #D7A448; box-shadow:4px 4px 4px  
4px #D7A448 }
```

Background

The CSS property to change the background color of an element to Hex D7A448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A448 }
```

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

```
.background{ background-color:#D7A448 }
```

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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