

Converting Colors

Hex(D7A466)

Have a look what the booklet for
Hex(D7A466) contains.

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Color

Hex(D7A466)

Conversions

Conversions Part 1

Format	Color
Hex	D7A466
RGB	215, 164, 102
RGB Percent	84%, 64%, 40%
CMY	0.1569, 0.3569, 0.6000
CMYK	0.00, 0.24, 0.53, 0.16
HSL	33°, 59%, 62%
HSV	33°, 53%, 84%
XYZ	43.6981, 41.9573, 18.3658
YIQ	172.1810, 50.2980, -8.4700

Conversions

Conversions Part 2

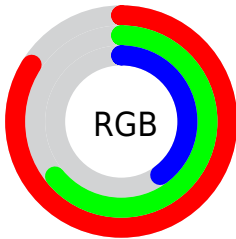
Format	Color
RYB	195, 215, 102
Decimal	14132326
CIELab	70.84, 11.59, 39.22
CIELCh	71, 40.898, 73.543
Yxy	41.9573, 0.4201, 0.4034
Android (android.graphics.Color)	4292322406 (0xFFD7A466)
YUV	172.1810, -34.5992, 37.5523
Hunter-Lab	64.7745, 7.0642, 28.5313

Details

The Hex color **D7A466** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6699D7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDB9A**, and **9D7035** is the 20% darker color. If you saturate the color by 10%, you get **D79A51**, and if you desaturate by 10%, it is **D7AE7C**.

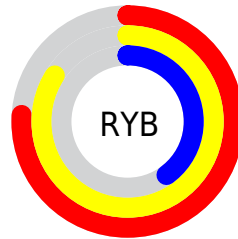
Distribution



Red (84%)

Green (64%)

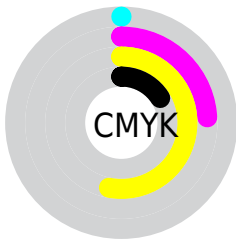
Blue (40%)



Red (76%)

Yellow (84%)

Blue (40%)

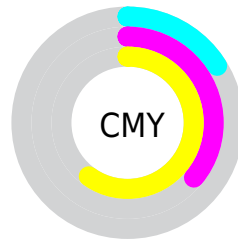


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A466 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 D7A466 by changing the saturation by 10% instead.

 D7A466

 D7A466

FFFFFF

 BA8A4D

 FFDB9A

 9D7035

 FFF7B5

 82581D

 FFFFD1

 664103

 FFFFEE

 4C2A00

 321600

 1A0000

 000000

 D7A466

 D7A466

 D79A51

 D7AE7C

 D7913B

 D7B791

 D78725

 D7C1A7

 D77D10

 D7CBBC

 D77600

 D7D5D2

 D7DEE7

 D7E8FC

 D7F2FF

 D7FBFF

Harmonies

Analogous

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



EE977C



D7A466



B5B164

Triad

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



D7A466



0BC1BD



C79DE4

Complementary

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



D7A466



6699D7

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.



92ABF5



D7A466



00BEE0

Square

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



D7A466



5AC097



4DB7F4



E993C3

Rectangle

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



D7A466



9AB76E



4DB7F4



B7A2EB

Sweetspot

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



D7A466



FFEDD6



D7669B



807567



000000



808080

Same Dimension

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



D7A466



FFB65E



D3D766



6B6660



AB5E00



2B1800

Inverse Universe

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



6699D7



5EA7FF



6A66D7



60656B



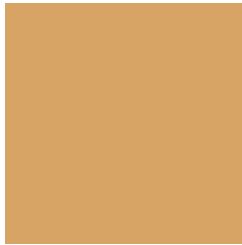
004DAB



00142B

Previews

White Background



This preview shows how the Hex color D7A466 looks on a white background.

Color Contrast Check

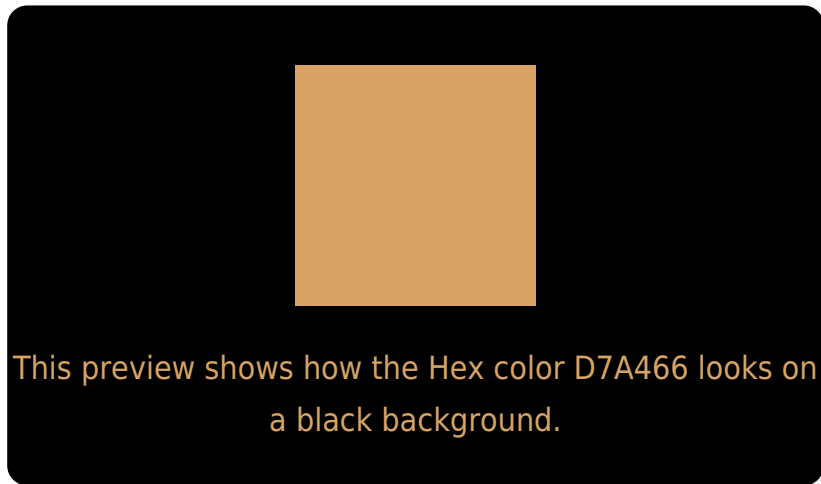
Large Text (above 18pt) WCAG AA × Fail

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

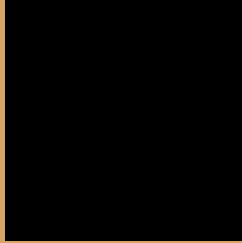
Any Text WCAG AA ✓ Pass

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 D7A466 Background



This preview shows how black text looks on a background with the Hex color D7A466.




This preview shows how white text looks on a background with the Hex color D7A466.

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](#).

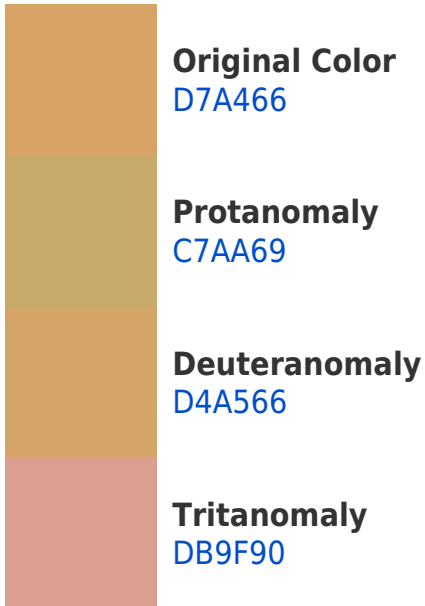
Dichromacy



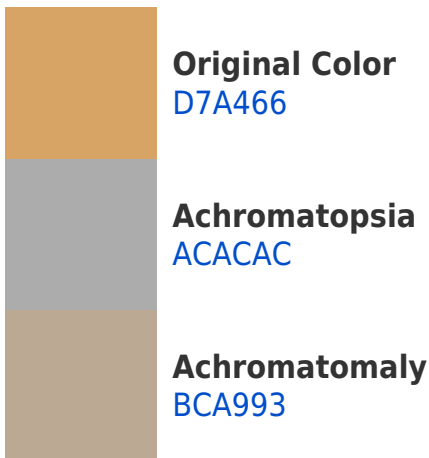


Tritanopia
DD9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A466 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 #D7A466 looks like.

```
.text, #text, p{  
    color:#D7A466  
}
```

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 #D7A466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A466
}
```

Border

The CSS property to change the border of an element to Hex D7A466 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
#D7A466 }
```

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

```
.border{ border-color:#D7A466 }
```

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

Here you see how a box with a 4 pixel #D7A466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A466; -webkit-box-shadow:4px 4px  
4px 4px #D7A466; box-shadow:4px 4px 4px  
4px #D7A466 }
```

Background

The CSS property to change the background color of an element to Hex D7A466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A466 }
```

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

```
.background{ background-color:#D7A466 }
```

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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