

Converting Colors

Hex(D7A74C)

Have a look what the booklet for
Hex(D7A74C) contains.

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Color

Hex(D7A74C)

Conversions

Conversions Part 1

Format	Color
Hex	D7A74C
RGB	215, 167, 76
RGB Percent	84%, 65%, 30%
CMY	0.1569, 0.3451, 0.7020
CMYK	0.00, 0.22, 0.65, 0.16
HSL	39°, 63%, 57%
HSV	39°, 65%, 84%
XYZ	43.1476, 42.6063, 12.7872
YIQ	170.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

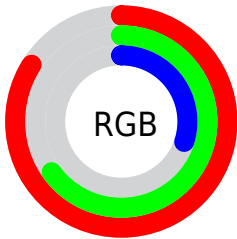
Format	Color
RYB	149, 215, 76
Decimal	14133068
CIELab	71.29, 8.04, 52.55
CIELCh	71, 53.164, 81.303
Yxy	42.6063, 0.4379, 0.4324
Android (android.graphics.Color)	4292323148 (0xFFD7A74C)
YUV	170.9780, -46.8242, 38.6073
Hunter-Lab	65.2735, 3.7647, 34.0764

Details

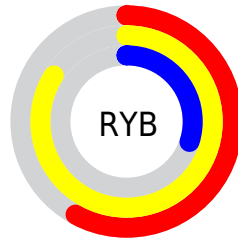
The Hex color **D7A74C** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4C7CD7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDE80**, and **9D7316** is the 20% darker color. If you saturate the color by 10%, you get **D7A036**, and if you desaturate by 10%, it is **D7AE61**.

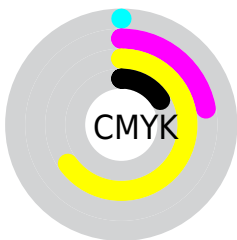
Distribution



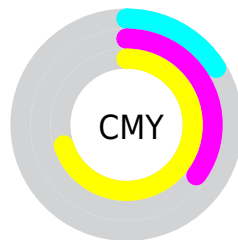
- Red (84%)
- Green (65%)
- Blue (30%)



- Red (58%)
- Yellow (84%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A74C 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 D7A74C by changing the saturation by 10% instead.

 D7A74C

 D7A74C

FFFFFF

 BA8D32

 FFDE80

 9D7316

 FFFA9B

 805B00

 FFFFB7

 654400

 FFFFD3

 492E00

 FFFFF0

 2F1900

 170000

 000000

 D7A74C

 D7A74C

 D7A036

 D7AE61

 D79821

 D7B677

 D7910B

 D7BD8C

 D78D00

 D7C5A2

 D7CCB8

 D7D4CD

 D7DBE3

 D7E2F8

 D7EAFB

Harmonies

Analogous

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



F99564



D7A74C



A9B650

Triad

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



D7A74C



00C7D0



DD94EC

Complementary

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



D7A74C



4C7CD7

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.



9BA7FF



D7A74C



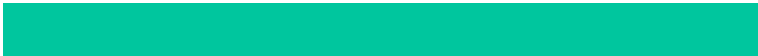
00C2F9

Square

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



D7A74C



00C69E



14B8FF



FF87BF

Rectangle

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



D7A74C



84BE63



14B8FF



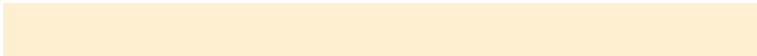
CA9BF8

Sweetspot

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



D7A74C



FFEECF



D74C7D



807562



000000



808080

Same Dimension

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



D7A74C



FFBA38



C2D74C



6B6760



AB7000



2B1C00

Inverse Universe

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



4C7CD7



387DFF



614CD7



60646B



003BAB



000F2B

Previews

White Background



This preview shows how the Hex color D7A74C looks on a white background.

Color Contrast Check

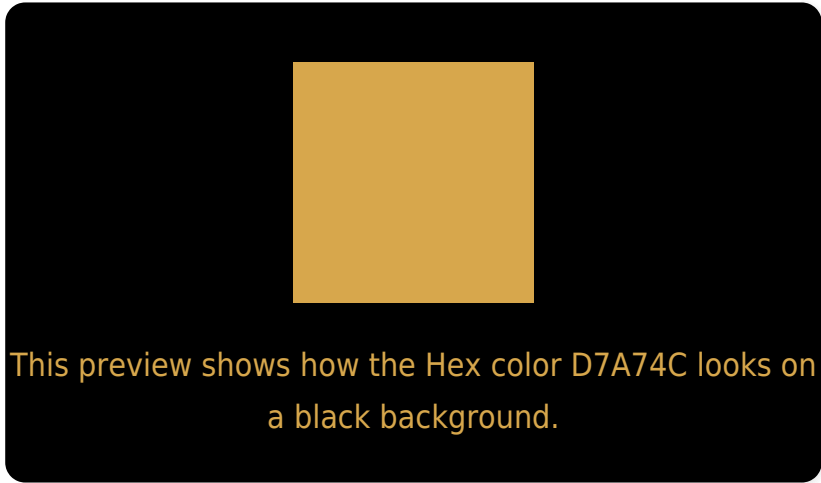
Large Text (above 18pt) WCAG AA × Fail

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 D7A74C Background



This preview shows how black text looks on a background with the Hex color D7A74C.

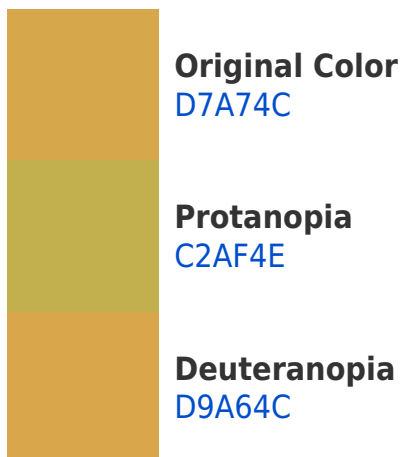


This preview shows how white text looks on a background with the Hex color D7A74C.

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](#).

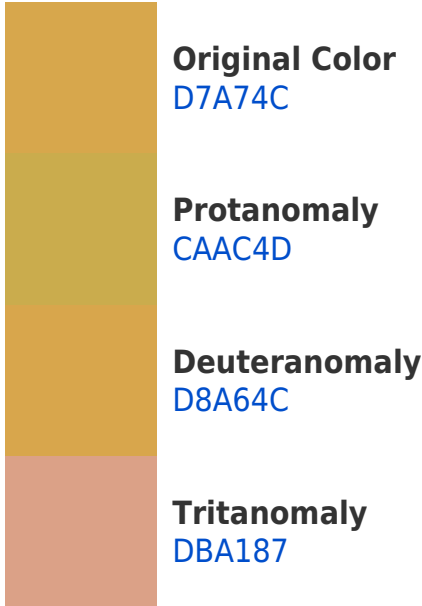
Dichromacy





Tritanopia
DE9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A74C 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 #D7A74C looks like.

```
.text, #text, p{  
    color:#D7A74C  
}
```

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 #D7A74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A74C
}
```

Border

The CSS property to change the border of an element to Hex D7A74C 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
#D7A74C }
```

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

```
.border{ border-color:#D7A74C }
```

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

Here you see how a box with a 4 pixel #D7A74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A74C; -webkit-box-shadow:4px 4px  
4px 4px #D7A74C; box-shadow:4px 4px 4px  
4px #D7A74C }
```

Background

The CSS property to change the background color of an element to Hex D7A74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A74C }
```

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

```
.background{ background-color:#D7A74C }
```

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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