

Converting Colors

Hex(D7AE49)

Have a look what the booklet for
Hex(D7AE49) contains.

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Color

Hex(D7AE49)

Conversions

Conversions Part 1

Format	Color
Hex	D7AE49
RGB	215, 174, 73
RGB Percent	84%, 68%, 29%
CMY	0.1569, 0.3176, 0.7137
CMYK	0.00, 0.19, 0.66, 0.16
HSL	43°, 64%, 56%
HSV	43°, 66%, 84%
XYZ	44.3630, 45.2002, 12.6897
YIQ	174.7450, 56.8570, -22.7190

Conversions

Conversions Part 2

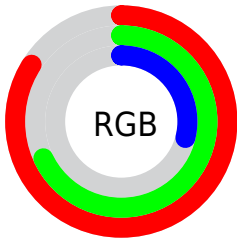
Format	Color
RYB	131, 215, 73
Decimal	14134857
CIELab	73.02, 4.13, 55.80
CIELCh	73, 55.949, 85.769
Yxy	45.2002, 0.4339, 0.4420
Android (android.graphics.Color)	4292324937 (0xFFD7AE49)
YUV	174.7450, -50.1603, 35.3036
Hunter-Lab	67.2311, 0.1302, 35.8710

Details

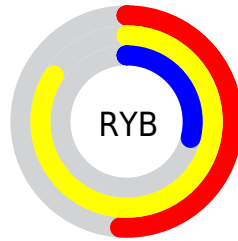
The Hex color **D7AE49** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4972D7**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE57E**, and **9D7A10** is the 20% darker color. If you saturate the color by 10%, you get **D7A834**, and if you desaturate by 10%, it is **D7B45E**.

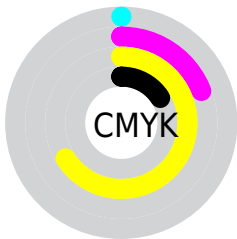
Distribution



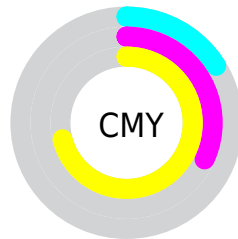
- Red (84%)
- Green (68%)
- Blue (29%)



- Red (51%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7AE49 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 D7AE49 by changing the saturation by 10% instead.

 D7AE49

 D7AE49

FFFFFF

 BA942E

 FFE57E

 9D7A10

 FFFF99

 806100

 FFFFB5

 654A00

 FFFFDD

 4A3300

 FFFFEE

 301F00

 170700

 000000

 D7AE49

 D7AE49

 D7A834

 D7B45E

 D7A21E

 D7BA74

 D79B08

 D7C18A

 D79900

 D7C79F

 D7CDB5

 D7D3CA

 D7D9E0

 D7E0F5

 D7E6FF

Harmonies

Analogous

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



FD9B5F



D7AE49



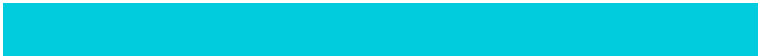
A5BE52

Triad

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



D7AE49



00CCDE



EB94EE

Complementary

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



D7AE49



4972D7

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.



AAA9FF



D7AE49



00C7FF

Square

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



D7AE49



00CCAA



31BBFF



FF88BD

Rectangle

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



D7AE49



7CC569



31BBFF



D99BFB

Sweetspot

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



D7AE49



FFF0CC



D74974



807761



000000



808080

Same Dimension

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



D7AE49



FFC536



BBD749



6B6860



AB7A00



2B1F00

Inverse Universe

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



4972D7



3670FF



6549D7



60636B



0031AB



000D2B

Previews

White Background



This preview shows how the Hex color D7AE49 looks on a white background.

Color Contrast Check

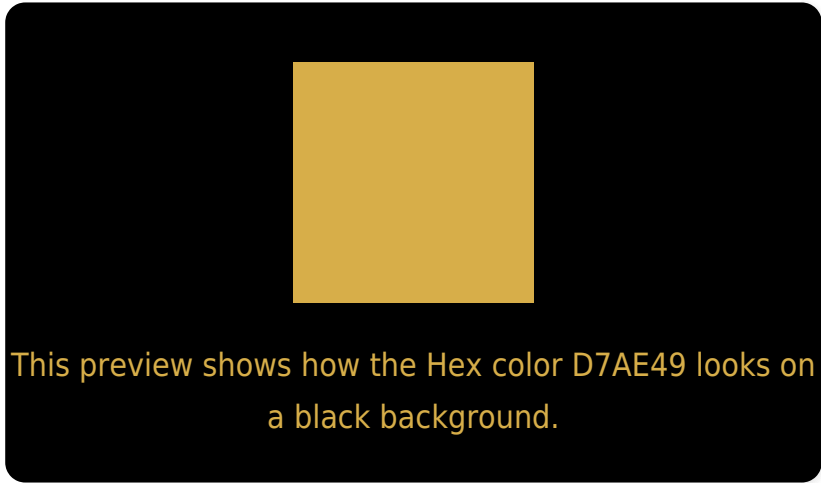
Large Text (above 18pt) WCAG AA × Fail

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 D7AE49 Background



This preview shows how black text looks on a background with the Hex color D7AE49.



This preview shows how white text looks on a background with the Hex color D7AE49.

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



Original Color
D7AE49

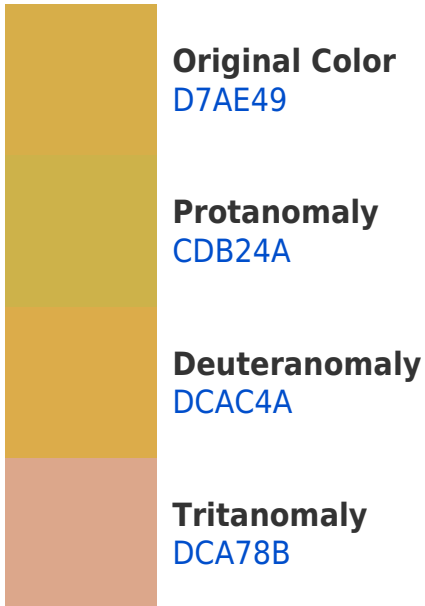
Protanopia
C8B44B

Deuteranopia
DFAB4A

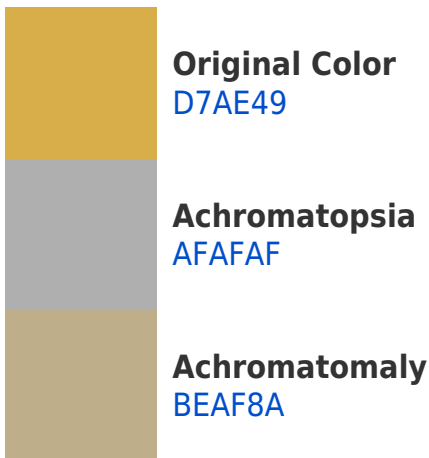


Tritanopia
DFA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7AE49 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 #D7AE49 looks like.

```
.text, #text, p{  
    color:#D7AE49  
}
```

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 #D7AE49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AE49
}
```

Border

The CSS property to change the border of an element to Hex D7AE49 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
#D7AE49 }
```

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

```
.border{ border-color:#D7AE49 }
```

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

Here you see how a box with a 4 pixel #D7AE49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AE49; -webkit-box-shadow:4px 4px  
4px 4px #D7AE49; box-shadow:4px 4px 4px  
4px #D7AE49 }
```

Background

The CSS property to change the background color of an element to Hex D7AE49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AE49 }
```

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

```
.background{ background-color:#D7AE49 }
```

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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