

Converting Colors

Hex(D0A444)

Have a look what the booklet for
Hex(D0A444) contains.

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Color

Hex(D0A444)

Conversions

Conversions Part 1

Format	Color
Hex	D0A444
RGB	208, 164, 68
RGB Percent	82%, 64%, 27%
CMY	0.1843, 0.3569, 0.7333
CMYK	0.00, 0.21, 0.67, 0.18
HSL	41°, 60%, 54%
HSV	41°, 67%, 82%
XYZ	40.3313, 40.3782, 11.1369
YIQ	166.2120, 57.0400, -20.5280

Conversions

Conversions Part 2

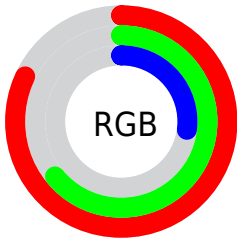
Format	Color
RYB	132, 208, 68
Decimal	13673540
CIELab	69.74, 6.17, 54.29
CIELCh	70, 54.640, 83.521
Yxy	40.3782, 0.4391, 0.4396
Android (android.graphics.Color)	4291863620 (0xFFD0A444)
YUV	166.2120, -48.4185, 36.6481
Hunter-Lab	63.5438, 2.0923, 34.0893

Details

The Hex color **D0A444** 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 **4470D0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDB78**, and **967109** is the 20% darker color. If you saturate the color by 10%, you get **D09D2F**, and if you desaturate by 10%, it is **D0AB59**.

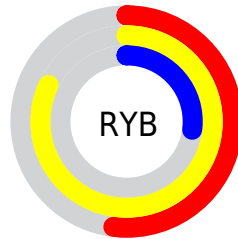
Distribution



Red (82%)

Green (64%)

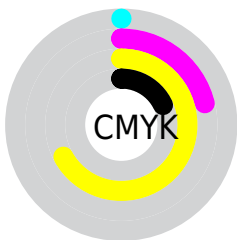
Blue (27%)



Red (52%)

Yellow (82%)

Blue (27%)

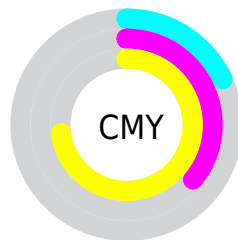


Cyan (0%)

Magenta (21%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0A444 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 D0A444 by changing the saturation by 10% instead.

 D0A444

 D0A444

FFFFFF

 B38A2A

 FFDB78

 967109

 FFF793

 7A5800

 FFFF4F

 5E4100

 FFFF00

 432B00

 FFFF00

 2A1700

 0D0000

 000000

 D0A444

 D0A444

 D09D2F

 D0AB59

 D0971A

 D0B16E

 D09006

 D0B882

 D08F00

 D0BE97

 D0C5AC

 D0CBC1

 D0D2D6

 D0D8EA

 D0DFFF

Harmonies

Analogous

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



F4915C



D0A444



A0B34B

Triad

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



D0A444



00C3D0



DD8EE6

Complementary

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



D0A444



4470D0

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.



9CA2FF



D0A444



00BEF9

Square

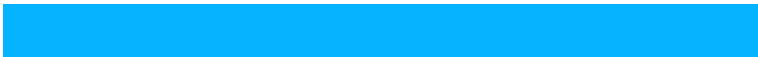
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0A444



00C39E



05B3FF



FF80B7

Rectangle

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



D0A444



7ABB5F



05B3FF



CB94F3

Sweetspot

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



D0A444



FFEFCF



D04470



807661



000000



808080

Same Dimension

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



D0A444



FFBE30



B6D044



69655E



A87300



291C00

Inverse Universe

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



4470D0



3071FF



5E44D0



5E6169



0035A8



000D29

Previews

White Background



This preview shows how the Hex color D0A444 looks on a white background.

Color Contrast Check

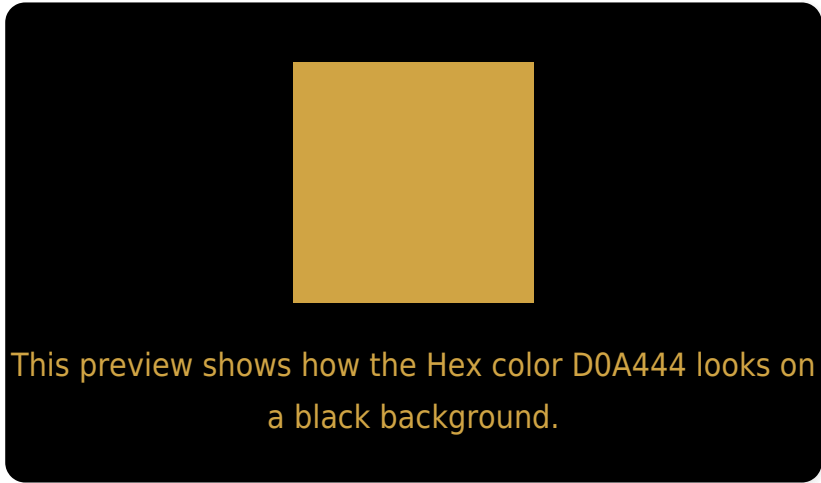
Large Text (above 18pt) WCAG AA × Fail

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 D0A444 Background



This preview shows how black text looks on a background with the Hex color D0A444.



This preview shows how white text looks on a background with the Hex color D0A444.

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
D0A444

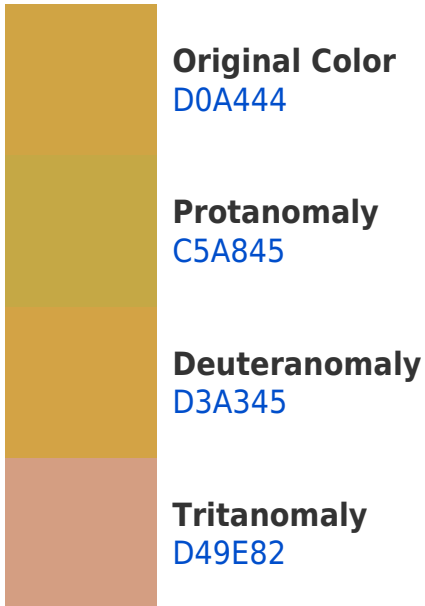
Protanopia
BEAB46

Deuteranopia
D4A245

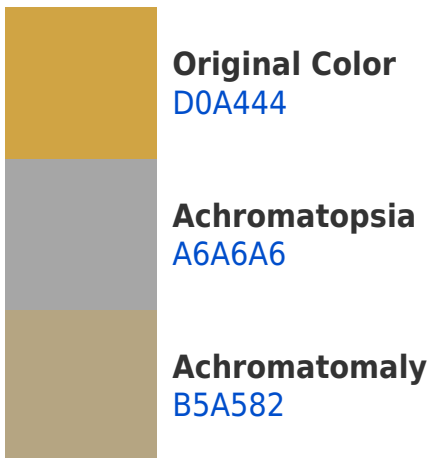


Tritanopia
D79AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0A444 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 #D0A444 looks like.

```
.text, #text, p{  
    color:#D0A444  
}
```

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 #D0A444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0A444
}
```

Border

The CSS property to change the border of an element to Hex D0A444 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
#D0A444 }
```

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

```
.border{ border-color:#D0A444 }
```

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

Here you see how a box with a 4 pixel #D0A444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0A444; -webkit-box-shadow:4px 4px  
4px 4px #D0A444; box-shadow:4px 4px 4px  
4px #D0A444 }
```

Background

The CSS property to change the background color of an element to Hex D0A444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0A444 }
```

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

```
.background{ background-color:#D0A444 }
```

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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