

# Converting Colors

Hex(D3A746)

Have a look what the booklet for  
Hex(D3A746) contains.

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# **Color**

**Hex(D3A746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3A746
RGB	211, 167, 70
RGB Percent	83%, 65%, 27%
CMY	0.1725, 0.3451, 0.7255
CMYK	0.00, 0.21, 0.67, 0.17
HSL	41°, 62%, 55%
HSV	41°, 67%, 83%
XYZ	41.7882, 41.9285, 11.6849
YIQ	169.0980, 57.3610, -20.8390

# Conversions

## Conversions Part 2

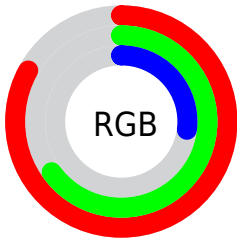
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 211, 70
Decimal	13870918
CIELab	70.82, 5.97, 54.65
CIELCh	71, 54.974, 83.770
Yxy	41.9285, 0.4380, 0.4395
Android (android.graphics.Color)	4292060998 (0xFFD3A746)
YUV	169.0980, -48.8553, 36.7481
Hunter-Lab	64.7522, 1.8795, 34.6274

# Details

The Hex color **D3A746** 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 **4672D3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE7A**, and **99730C** is the 20% darker color. If you saturate the color by 10%, you get **D3A031**, and if you desaturate by 10%, it is **D3AE5B**.

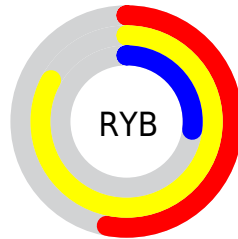
# Distribution



Red (83%)

Green (65%)

Blue (27%)



Red (53%)

Yellow (83%)

Blue (27%)

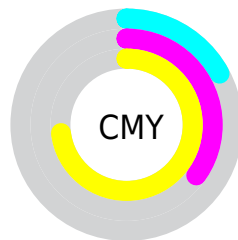


Cyan (0%)

Magenta (21%)

Yellow (67%)

Black (17%)



Cyan (17%)

Magenta (35%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3A746 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 D3A746 by changing the saturation by 10% instead.



 D3A746

 D3A746

FFFFFF

 B68D2C

 FFDE7A

 99730C

 FFFA95

 7C5B00

 FFFFB1

 614400

 FFFFCD

 462E00

 FFFFEA

 2C1900

 120000

 000000

 D3A746

 D3A746

 D3A031

 D3AE5B

 D39A1C

 D3B470

 D39307

 D3BB85

 D39100

 D3C19A

 D3C8B0

 D3CFC5

 D3D5DA

 D3DCEF

 D3E2FF

# Harmonies

## Analogous

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



F7945E



D3A746



A3B64D

# Triad

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



D3A746



00C6D4



E190E9

# Complementary

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



D3A746



4672D3

# 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.



9FA4FF



D3A746



00C1FD

# Square

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



D3A746



00C6A1



14B6FF



FF83BA

# Rectangle

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



D3A746



7CBE62



14B6FF



CF97F6



# Sweetspot

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



D3A746



FFEFCF



D34673



807661



000000



808080



# Same Dimension

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



D3A746



FFBF33



B9D346



69655E



A87400



291C00



# Inverse Universe

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



4672D3



3373FF



6046D3



5E6169



0035A8



000D29



# Previews

## White Background



This preview shows how the Hex color D3A746 looks on a white background.

## Color Contrast Check

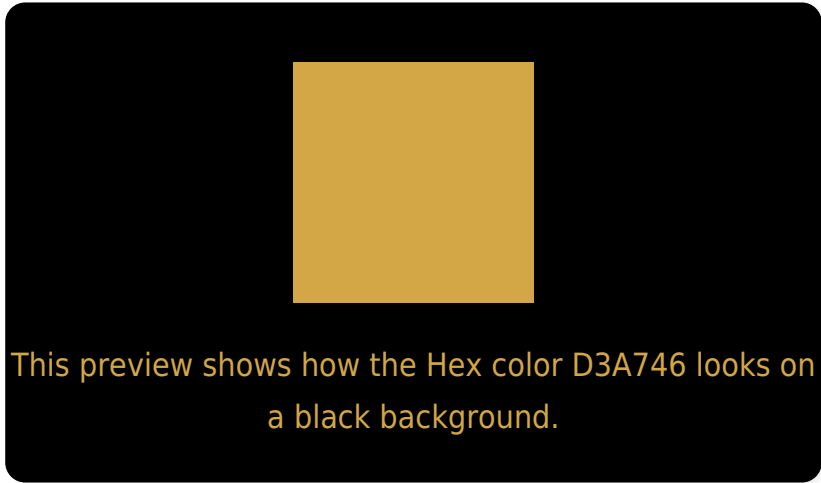
Large Text (above 18pt) WCAG AA × Fail

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 D3A746 Background



This preview shows how black text looks on a background with the Hex color D3A746.



This preview shows how white text looks on a background with the Hex color D3A746.

# 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**  
D3A746

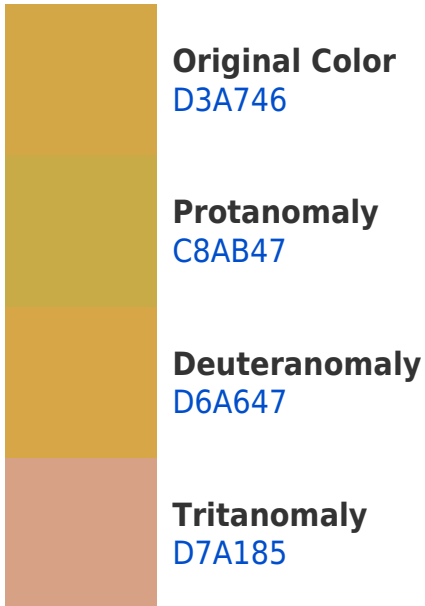
**Protanopia**  
C1AE48

**Deuteranopia**  
D8A547

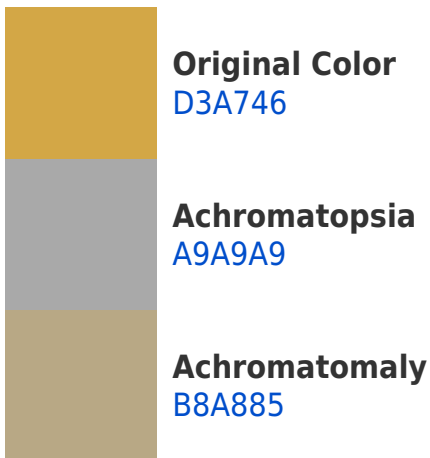


**Tritanopia**  
DA9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3A746 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 #D3A746 looks like.

```
.text, #text, p{  
    color:#D3A746  
}
```

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 #D3A746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A746
}
```

## Border

The CSS property to change the border of an element to Hex D3A746 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
#D3A746 }
```

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

```
.border{ border-color:#D3A746 }
```

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

Here you see how a box with a 4 pixel #D3A746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A746; -webkit-box-shadow:4px 4px  
4px 4px #D3A746; box-shadow:4px 4px 4px  
4px #D3A746 }
```

# Background

The CSS property to change the background color of an element to Hex D3A746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A746 }
```

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

```
.background{ background-color:#D3A746 }
```

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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