

Converting Colors

Hex(D4A256)

Have a look what the booklet for
Hex(D4A256) contains.

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Color

Hex(D4A256)

Conversions

Conversions Part 1

Format	Color
Hex	D4A256
RGB	212, 162, 86
RGB Percent	83%, 64%, 34%
CMY	0.1686, 0.3647, 0.6627
CMYK	0.00, 0.24, 0.59, 0.17
HSL	36°, 59%, 58%
HSV	36°, 59%, 83%
XYZ	41.7514, 40.5096, 14.4227
YIQ	168.2860, 54.1960, -13.0360

Conversions

Conversions Part 2

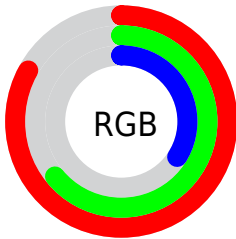
Format	Color
RYB	169, 212, 86
Decimal	13935190
CIELab	69.83, 10.12, 46.03
CIElCh	70, 47.133, 77.596
Yxy	40.5096, 0.4318, 0.4190
Android (android.graphics.Color)	4292125270 (0xFFD4A256)
YUV	168.2860, -40.5670, 38.3372
Hunter-Lab	63.6471, 5.7104, 31.1177

Details

The Hex color **D4A256** 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 **5688D4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD98A**, and **9A6F24** is the 20% darker color. If you saturate the color by 10%, you get **D49A41**, and if you desaturate by 10%, it is **D4AA6B**.

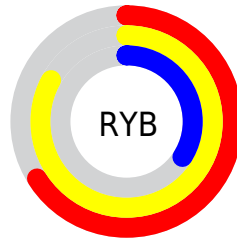
Distribution



Red (83%)

Green (64%)

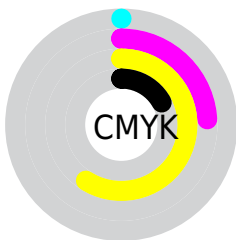
Blue (34%)



Red (66%)

Yellow (83%)

Blue (34%)

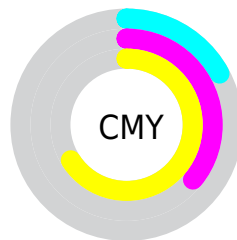


Cyan (0%)

Magenta (24%)

Yellow (59%)

Black (17%)



Cyan (17%)

Magenta (36%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4A256 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 D4A256 by changing the saturation by 10% instead.

 D4A256

 D4A256

FFFFFF

 B7883D

 FFD98A

 9A6F24

 FFF5A5

 7E5607

 FFFFC0

 633F00

 FFFFDD

 482900

 FFFFFA

 2E1500

 150000

 000000

 D4A256

 D4A256

 D49A41

 D4AA6B

 D4912C

 D4B380

 D48916

 D4BB96

 D48001

 D4C4AB

 D48000

 D4CCC0

 D4D4D5

 D4DDEA

 D4E5FF

 D4EEFF

Harmonies

Analogous

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



F1936D



D4A256



ACB056

Triad

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



D4A256



00C1C3



CE96E5

Complementary

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



D4A256



5688D4

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.



92A6FC



D4A256



00BDE9

Square

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



D4A256



36C097



30B4FE



F189BE

Rectangle

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



D4A256



8CB765



30B4FE



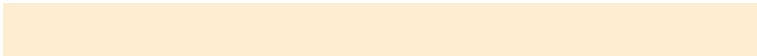
BD9BEF

Sweetspot

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



D4A256



FFEDD1



D45688



807463



000000



808080

Same Dimension

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



D4A256



FFB74A



C7D456



6B6760



AB6700



2B1A00

Inverse Universe

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



5688D4



4A92FF



6356D4



60656B



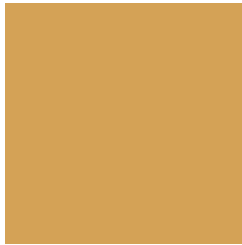
0044AB



00112B

Previews

White Background



This preview shows how the Hex color D4A256 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

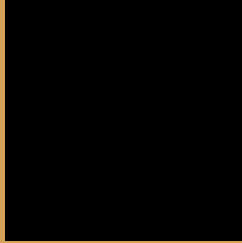
Any Text WCAG AA ✓ Pass

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 D4A256 Background



This preview shows how black text looks on a background with the Hex color D4A256.



This preview shows how white text looks on a background with the Hex color D4A256.

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
D4A256

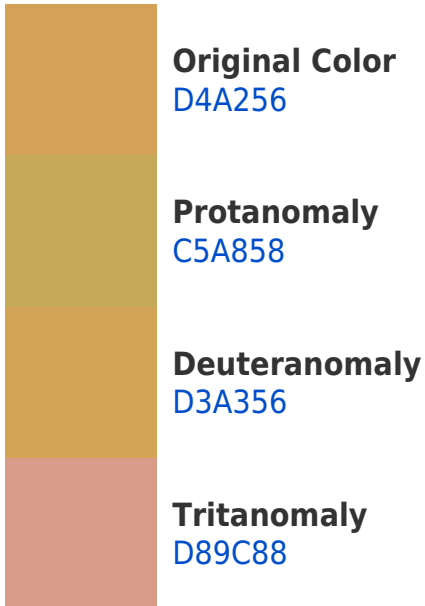
Protanopia
BDAB59

Deuteranopia
D2A356

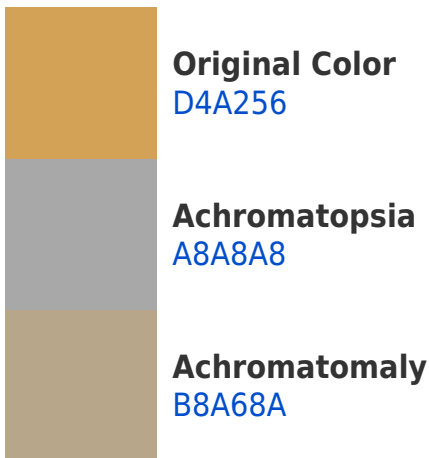


Tritanopia
DA99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4A256 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 #D4A256 looks like.

```
.text, #text, p{  
    color:#D4A256  
}
```

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 #D4A256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A256
}
```

Border

The CSS property to change the border of an element to Hex D4A256 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
#D4A256 }
```

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

```
.border{ border-color:#D4A256 }
```

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

Here you see how a box with a 4 pixel #D4A256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A256; -webkit-box-shadow:4px 4px  
4px 4px #D4A256; box-shadow:4px 4px 4px  
4px #D4A256 }
```

Background

The CSS property to change the background color of an element to Hex D4A256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A256 }
```

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

```
.background{ background-color:#D4A256 }
```

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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