

Converting Colors

Hex(D3CA72)

Have a look what the booklet for
Hex(D3CA72) contains.

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Color

Hex(D3CA72)

Conversions

Conversions Part 1

Format	Color
Hex	D3CA72
RGB	211, 202, 114
RGB Percent	83%, 79%, 45%
CMY	0.1725, 0.2078, 0.5529
CMYK	0.00, 0.04, 0.46, 0.17
HSL	54°, 52%, 64%
HSV	54°, 46%, 83%
XYZ	51.0218, 57.3048, 24.2914
YIQ	194.6590, 33.6120, -25.4600

Conversions

Conversions Part 2

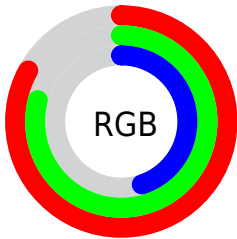
Format	Color
RYB	124, 211, 114
Decimal	13879922
CIELab	80.35, -8.95, 44.82
CIELCh	80, 45.706, 101.288
Yxy	57.3048, 0.3847, 0.4321
Android (android.graphics.Color)	4292070002 (0xFFD3CA72)
YUV	194.6590, -39.7649, 14.3311
Hunter-Lab	75.7000, -12.1660, 33.9644

Details

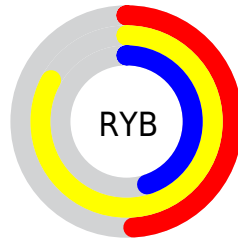
The Hex color **D3CA72** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **727BD3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFA7**, and **9B943F** is the 20% darker color. If you saturate the color by 10%, you get **D3C85D**, and if you desaturate by 10%, it is **D3CC87**.

Distribution



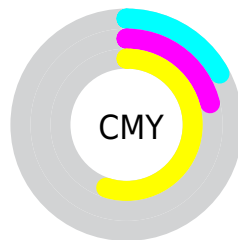
- Red (83%)
- Green (79%)
- Blue (45%)



- Red (49%)
- Yellow (83%)
- Blue (45%)



- Cyan (0%)
- Magenta (4%)
- Yellow (46%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3CA72 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 D3CA72 by changing the saturation by 10% instead.

 D3CA72

 D3CA72

FFFFFF

 B6AF58

 FFFFA7

 9B943F

 FFFFC3

 7F7A26

 FFFFEO

 656209

 FFFFFC

 4B4A00

 323400

 1A1F00

 000200

 000000

 D3CA72

 D3CA72

 D3C85D

 D3CC87

 D3C648

 D3CE9C

 D3C433

 D3D0B1

 D3C21E

 D3D2C6

 D3C009

 D3D4DB

 D3BF00

 D3D6F1

 D3D8FF

 D3DAFF

 D3DCFF

Harmonies

Analogous

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



FABB77



D3CA72



A4D586

Triad

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



D3CA72



00DBFE



FFA9E4

Complementary

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



D3CA72



727BD3

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.



E1B6FF



D3CA72



50D3FF

Square

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



D3CA72



16DED7



A2C6FF



FFA6B9

Rectangle

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



D3CA72



80DA9D



A2C6FF



FEADF1

Sweetspot

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



D3CA72



FFFCDB



D3727C



807D6A



000000



808080

Same Dimension

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



D3CA72



FFF273



ACD372



69685E



A89900



292500

Inverse Universe

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



727BD3



7380FF



9972D3



5E5F69



0010A8



000429

Previews

White Background



This preview shows how the Hex color D3CA72 looks on a white background.

Color Contrast Check

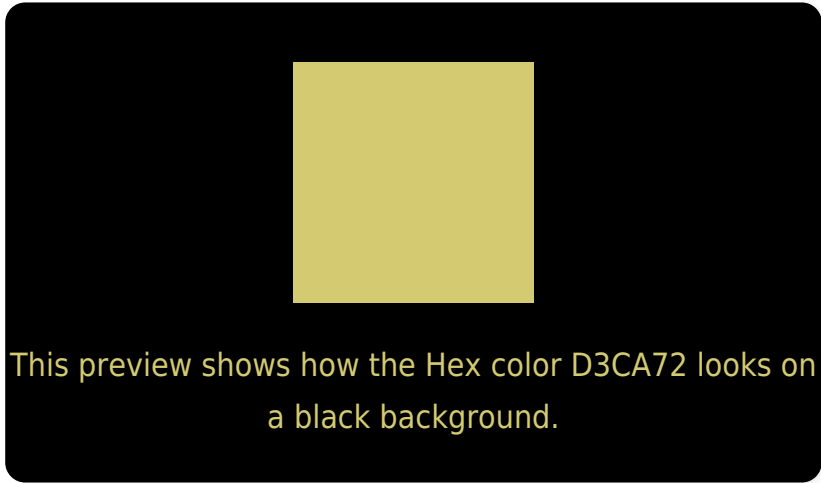
Large Text (above 18pt) WCAG AA × Fail

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

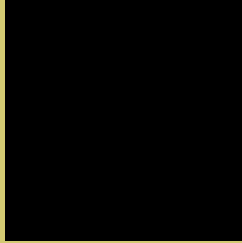
Any Text WCAG AA ✓ Pass

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 D3CA72 Background



This preview shows how black text looks on a background with the Hex color D3CA72.



This preview shows how white text looks on a background with the Hex color D3CA72.

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

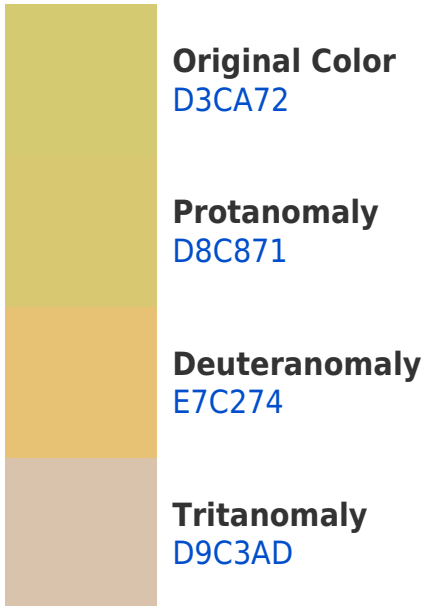


Original Color
D3CA72

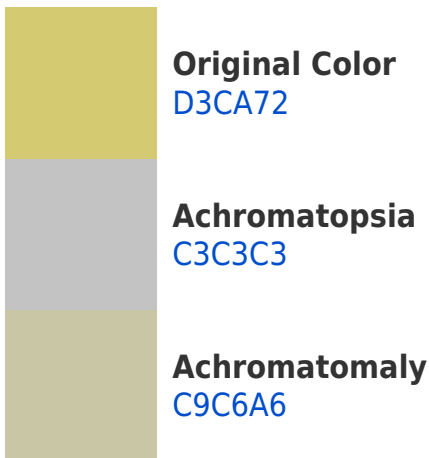
Protanopia
DBC771

Deuteranopia
F2BE75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3CA72 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 #D3CA72 looks like.

```
.text, #text, p{  
    color:#D3CA72  
}
```

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 #D3CA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3CA72
}
```

Border

The CSS property to change the border of an element to Hex D3CA72 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
#D3CA72 }
```

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

```
.border{ border-color:#D3CA72 }
```

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

Here you see how a box with a 4 pixel #D3CA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3CA72; -webkit-box-shadow:4px 4px  
4px 4px #D3CA72; box-shadow:4px 4px 4px  
4px #D3CA72 }
```

Background

The CSS property to change the background color of an element to Hex D3CA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3CA72 }
```

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

```
.background{ background-color:#D3CA72 }
```

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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