

# Converting Colors

Hex(D1AC71)

Have a look what the booklet for  
Hex(D1AC71) contains.

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# **Color**

**Hex(D1AC71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1AC71
RGB	209, 172, 113
RGB Percent	82%, 67%, 44%
CMY	0.1804, 0.3255, 0.5569
CMYK	0.00, 0.18, 0.46, 0.18
HSL	37°, 51%, 63%
HSV	37°, 46%, 82%
XYZ	44.0277, 44.2526, 21.8439
YIQ	176.3370, 40.9910, -10.5050

# Conversions

## Conversions Part 2

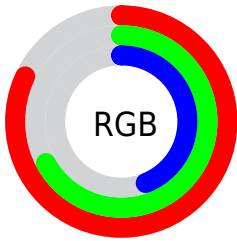
Format	Color
<a href="#">RYB</a>	<a href="#">173, 209, 113</a>
Decimal	<a href="#">13741169</a>
CIELab	<a href="#">72.40, 5.85, 35.33</a>
CIELCh	<a href="#">72, 35.809, 80.599</a>
Yxy	<a href="#">44.2526, 0.3998, 0.4018</a>
Android (android.graphics.Color)	<a href="#">4291931249</a> ( <a href="#">0xFFD1AC71</a> )
YUV	<a href="#">176.3370, -31.2251, 28.6455</a>
Hunter-Lab	<a href="#">66.5226, 1.7247, 27.0969</a>

# Details

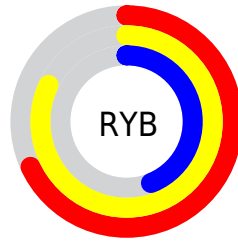
The Hex color **D1AC71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7196D1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE3A6**, and **997840** is the 20% darker color. If you saturate the color by 10%, you get **D1A45C**, and if you desaturate by 10%, it is **D1B486**.

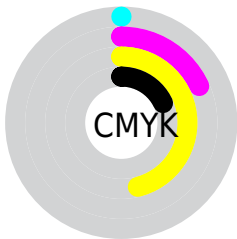
# Distribution



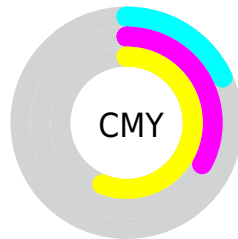
- Red (82%)
- Green (67%)
- Blue (44%)



- Red (68%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1AC71 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 D1AC71 by changing the saturation by 10% instead.



 D1AC71

 D1AC71

FFFFFF

 B49258

 FFE3A6

 997840

 FFFFC1

 7D5F28

 FFFFDD

 634810

 FFFFFA

 493100

 301D00

 170400

 000000

 D1AC71

 D1AC71

 D1A45C

 D1B486

 D19C47

 D1BC9B

 D19432

 D1C4B0

 D18C1D

 D1CCC5

 D18409

 D1D4DA

 D18000

 D1DCEE

 D1E4FF

 D1ECFF

 D1F4FF

# Harmonies

## Analogous

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



E8A180



D1AC71



B1B773

# Triad

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



D1AC71



3EC3C7



D1A1DB

# Complementary

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



D1AC71



7196D1

# 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.



A7ADEF



D1AC71



43C0E3

# Square

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



D1AC71



63C3A6



73B8F2



EB99BD

# Rectangle

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



D1AC71



98BC7F



73B8F2



C5A5E3



# Sweetspot

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



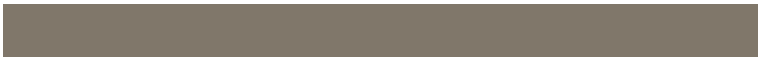
D1AC71



FFF1DB



D17197



80776A



000000



808080



# Same Dimension

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



D1AC71



FFC973



C7D171



69655E



A86700



291900

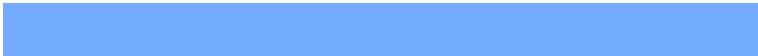


# Inverse Universe

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



7196D1



73A9FF



7B71D1



5E6269



0041A8



001029



# Previews

## White Background



This preview shows how the Hex color D1AC71 looks on a white background.

## Color Contrast Check

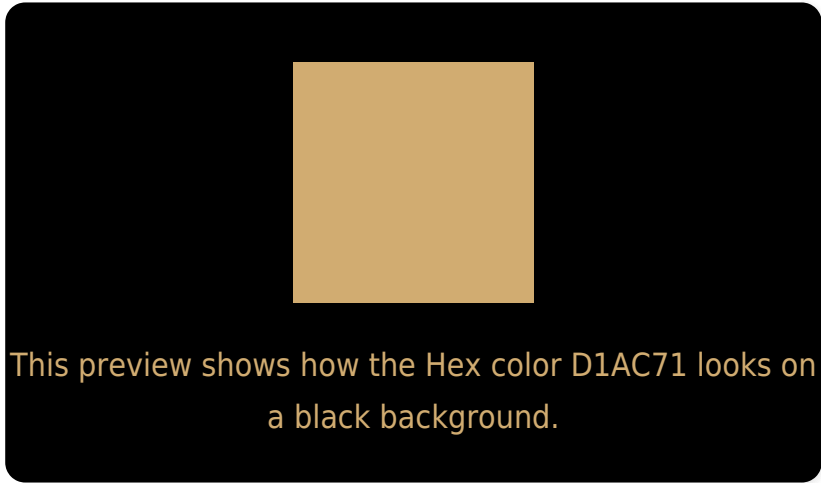
Large Text (above 18pt) WCAG AA × Fail

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

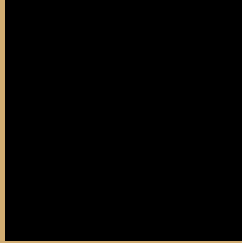
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1AC71 Background



This preview shows how black text looks on a background with the Hex color D1AC71.



This preview shows how white text looks on a background with the Hex color D1AC71.

# 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**  
D1AC71

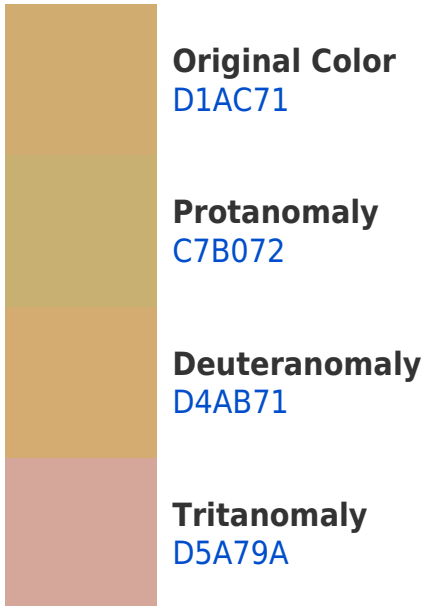
**Protanopia**  
C1B273

**Deuteranopia**  
D6AA71

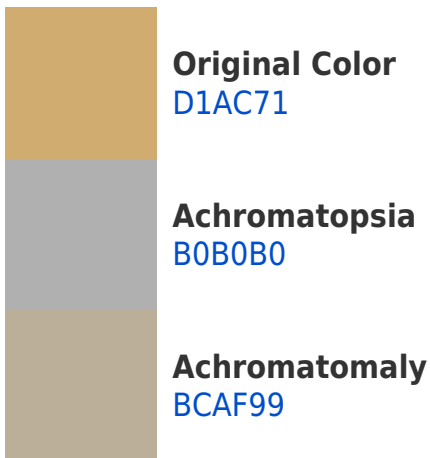


**Tritanopia**  
D7A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1AC71 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 #D1AC71 looks like.

```
.text, #text, p{  
    color:#D1AC71  
}
```

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 #D1AC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1AC71
}
```

## Border

The CSS property to change the border of an element to Hex D1AC71 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
#D1AC71 }
```

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

```
.border{ border-color:#D1AC71 }
```

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

Here you see how a box with a 4 pixel #D1AC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1AC71; -webkit-box-shadow:4px 4px  
4px 4px #D1AC71; box-shadow:4px 4px 4px  
4px #D1AC71 }
```

# Background

The CSS property to change the background color of an element to Hex D1AC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1AC71 }
```

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

```
.background{ background-color:#D1AC71 }
```

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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