

# Converting Colors

Hex(D2AC65)

Have a look what the booklet for  
Hex(D2AC65) contains.

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# **Color**

**Hex(D2AC65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2AC65
RGB	210, 172, 101
RGB Percent	82%, 67%, 40%
CMY	0.1765, 0.3255, 0.6039
CMYK	0.00, 0.18, 0.52, 0.18
HSL	39°, 55%, 61%
HSV	39°, 52%, 82%
XYZ	43.6798, 44.1463, 18.5308
YIQ	175.2680, 45.4390, -14.0250

# Conversions

## Conversions Part 2

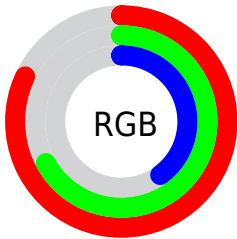
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 210, 101
Decimal	13806693
CIELab	72.33, 5.13, 41.45
CIELCh	72, 41.769, 82.941
Yxy	44.1463, 0.4107, 0.4151
Android (android.graphics.Color)	4291996773 (0xFFD2AC65)
YUV	175.2680, -36.6141, 30.4600
Hunter-Lab	66.4427, 1.0724, 29.9739

# Details

The Hex color **D2AC65** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **658BD2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE399**, and **997834** is the 20% darker color. If you saturate the color by 10%, you get **D2A550**, and if you desaturate by 10%, it is **D2B37A**.

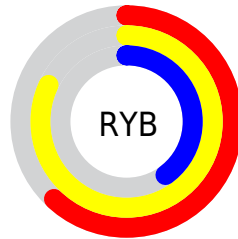
# Distribution



Red (82%)

Green (67%)

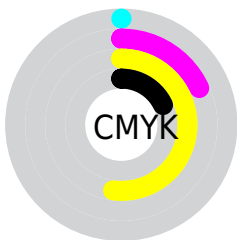
Blue (40%)



Red (62%)

Yellow (82%)

Blue (40%)

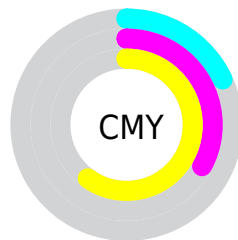


Cyan (0%)

Magenta (18%)

Yellow (52%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2AC65 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 D2AC65 by changing the saturation by 10% instead.



 D2AC65

 D2AC65

FFFFFF

 B5924C

 FFE399

 997834

 FFFFB5

 7D5F1B

 FFFF00

 634800

 FFFFED

 493100

 2F1D00

 160400

 000000

 D2AC65

 D2AC65

 D2A550

 D2B37A

 D29D3B

 D2BB8F

 D29626

 D2C2A4

 D28F11

 D2C9B9

 D28900

 D2D1CE

 D2D8E3

 D2DFF8

 D2E7FF

 D2EEFF

# Harmonies

## Analogous

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



EE9F76



D2AC65



ACB869

# Triad

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



D2AC65



00C5CE



D99DE0

# Complementary

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



D2AC65



658BD2

# 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.



A8ABF8



D2AC65



00C1ED

# Square

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



D2AC65



49C5A7



66B8FD



F594BC

# Rectangle

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



D2AC65



8FBE78



66B8FD



CBA1E9

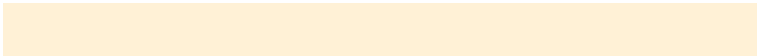


# Sweetspot

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



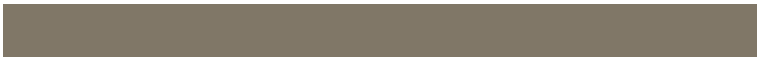
D2AC65



FFF1D6



D2658B



807767



000000



808080



# Same Dimension

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



D2AC65



FFC861



C2D265



69655E



A86E00



291B00

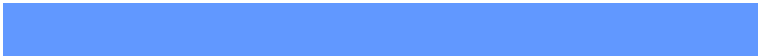


# Inverse Universe

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



658BD2



6198FF



7565D2



5E6269



003BA8



000E29



# Previews

## White Background



This preview shows how the Hex color D2AC65 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



This preview shows how the Hex color D2AC65 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

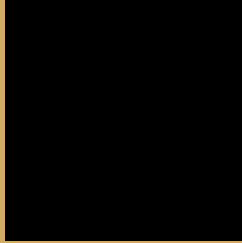
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2AC65 Background



This preview shows how black text looks on a background with the Hex color D2AC65.

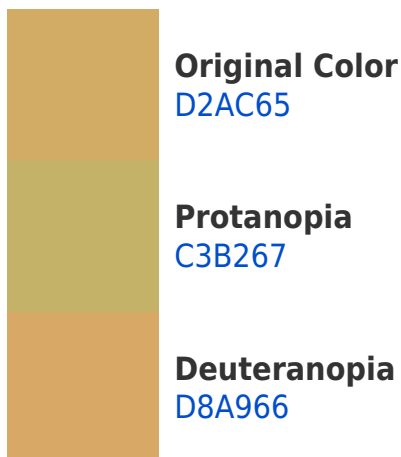


This preview shows how white text looks on a background with the Hex color D2AC65.

# 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](#).

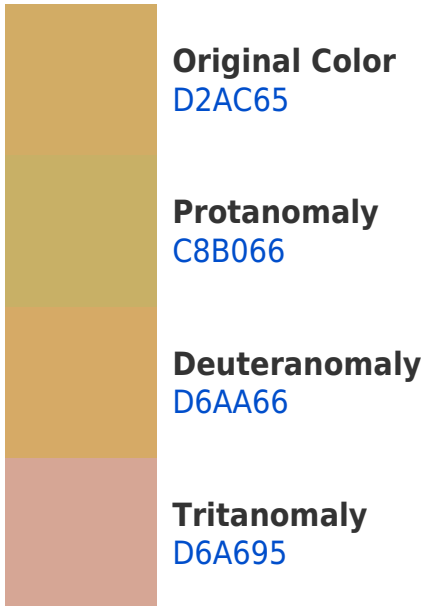
## Dichromacy



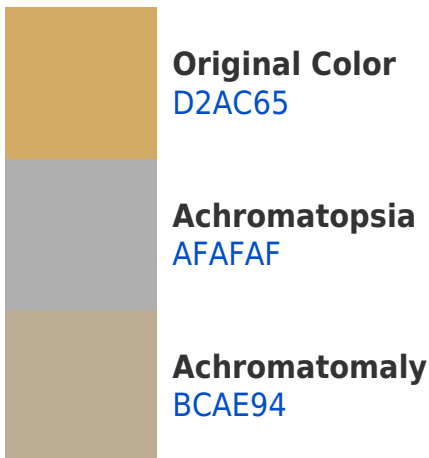


**Tritanopia**  
D9A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2AC65 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 #D2AC65 looks like.

```
.text, #text, p{  
    color:#D2AC65  
}
```

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 #D2AC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AC65
}
```

## Border

The CSS property to change the border of an element to Hex D2AC65 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
#D2AC65 }
```

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

```
.border{ border-color:#D2AC65 }
```

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

Here you see how a box with a 4 pixel #D2AC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AC65; -webkit-box-shadow:4px 4px  
4px 4px #D2AC65; box-shadow:4px 4px 4px  
4px #D2AC65 }
```

# Background

The CSS property to change the background color of an element to Hex D2AC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AC65 }
```

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

```
.background{ background-color:#D2AC65 }
```

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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