

# Converting Colors

Hex(D0AA61)

Have a look what the booklet for  
Hex(D0AA61) contains.

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# **Color**

**Hex(D0AA61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0AA61
RGB	208, 170, 97
RGB Percent	82%, 67%, 38%
CMY	0.1843, 0.3333, 0.6196
CMYK	0.00, 0.18, 0.53, 0.18
HSL	39°, 54%, 60%
HSV	39°, 53%, 82%
XYZ	42.5448, 43.0224, 17.3711
YIQ	173.0400, 46.0810, -14.6470

# Conversions

## Conversions Part 2

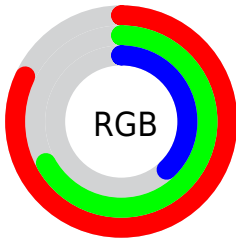
Format	Color
<b>RYB</b>	155, 208, 97
Decimal	13675105
CIELab	71.57, 5.02, 42.51
CIELCh	72, 42.806, 83.265
Yxy	43.0224, 0.4133, 0.4179
Android (android.graphics.Color)	4291865185 (0xFFD0AA61)
YUV	173.0400, -37.4877, 30.6599
Hunter-Lab	65.5915, 0.9960, 30.2118

# Details

The Hex color **D0AA61** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6187D0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE195**, and **97762F** is the 20% darker color. If you saturate the color by 10%, you get **D0A34C**, and if you desaturate by 10%, it is **D0B176**.

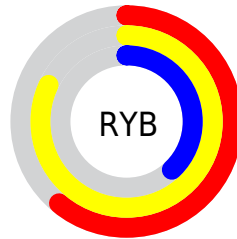
# Distribution



Red (82%)

Green (67%)

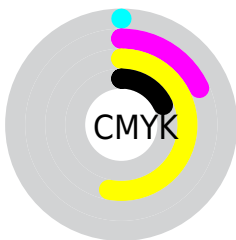
Blue (38%)



Red (61%)

Yellow (82%)

Blue (38%)

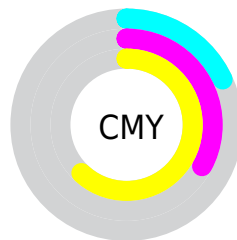


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0AA61 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 D0AA61 by changing the saturation by 10% instead.



 D0AA61

 D0AA61

FFFFFF

 B39048

 FFE195

 97762F

 FFFEB0

 7B5E16

 FFFFCC

 604600

 FFFFEE9

 473000

 2D1B00

 130200

 000000

 D0AA61

 D0AA61

 D0A34C

 D0B176

 D09C37

 D0B88B

 D09523

 D0BF9F

 D08E0E

 D0C6B4

 D08900

 D0CEC9

 D0D5DE

 D0DCF3

 D0E3FF

 D0EAFB

# Harmonies

## Analogous

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



ED9C72



D0AA61



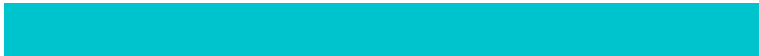
A9B666

# Triad

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



D0AA61



00C4CD



D89ADE

# Complementary

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



D0AA61



6187D0

# 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.



A6A8F7



D0AA61



00BFED

# Square

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



D0AA61



41C3A5



61B6FC



F491BA

# Rectangle

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



D0AA61



8CBD75



61B6FC



C99FE8



# Sweetspot

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



D0AA61



FFF1D6



D06188



807767



000000



808080



# Same Dimension

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



D0AA61



FFC75C



BFD061



69655E



A86F00



291B00



# Inverse Universe

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



6187D0



5C94FF



7261D0



5E6269



003AA8



000E29



# Previews

## White Background



This preview shows how the Hex color D0AA61 looks on a white background.

## Color Contrast Check

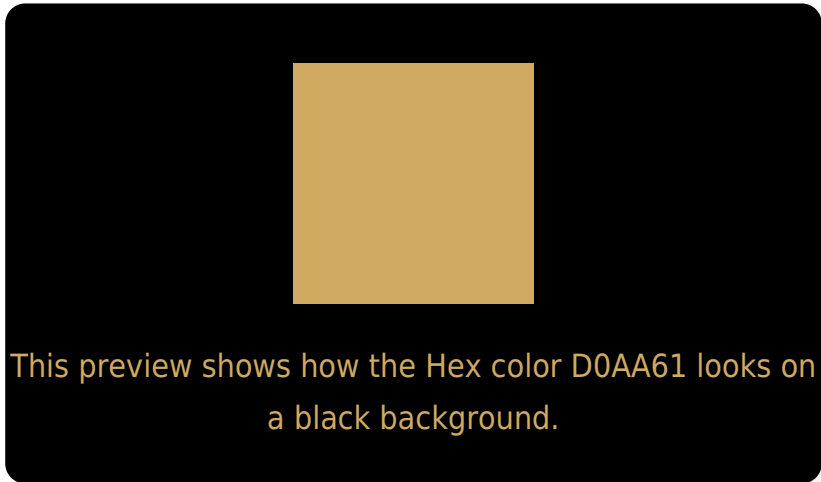
Large Text (above 18pt) WCAG AA × Fail

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 D0AA61 Background



This preview shows how black text looks on a background with the Hex color D0AA61.



This preview shows how white text looks on a background with the Hex color D0AA61.

# 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**  
D0AA61

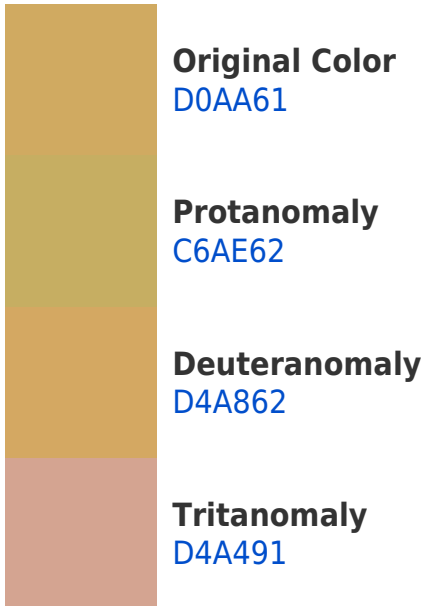
**Protanopia**  
C1B063

**Deuteranopia**  
D6A762

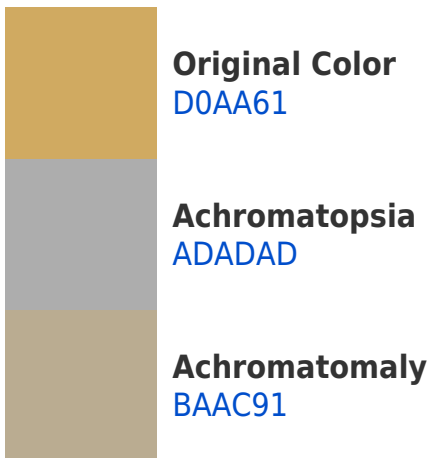


**Tritanopia**  
D7A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0AA61 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 #D0AA61 looks like.

```
.text, #text, p{  
    color:#D0AA61  
}
```

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 #D0AA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AA61
}
```

## Border

The CSS property to change the border of an element to Hex D0AA61 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
#D0AA61 }
```

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

```
.border{ border-color:#D0AA61 }
```

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

Here you see how a box with a 4 pixel #D0AA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AA61; -webkit-box-shadow:4px 4px  
4px 4px #D0AA61; box-shadow:4px 4px 4px  
4px #D0AA61 }
```

# Background

The CSS property to change the background color of an element to Hex D0AA61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AA61 }
```

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

```
.background{ background-color:#D0AA61 }
```

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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