

# Converting Colors

Hex(D6AE70)

Have a look what the booklet for  
Hex(D6AE70) contains.

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# **Color**

**Hex(D6AE70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6AE70
RGB	214, 174, 112
RGB Percent	84%, 68%, 44%
CMY	0.1608, 0.3176, 0.5608
CMYK	0.00, 0.19, 0.48, 0.16
HSL	36°, 55%, 64%
HSV	36°, 48%, 84%
XYZ	45.7922, 45.7381, 21.7441
YIQ	178.8920, 43.7420, -10.8020

# Conversions

## Conversions Part 2

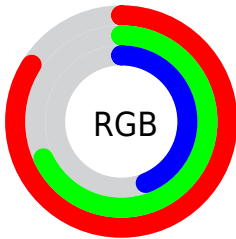
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 214, 112
Decimal	14069360
CIELab	73.38, 6.73, 37.19
CIElCh	73, 37.797, 79.738
Yxy	45.7381, 0.4043, 0.4038
Android (android.graphics.Color)	4292259440 (0xFFD6AE70)
YUV	178.8920, -32.9778, 30.7897
Hunter-Lab	67.6299, 2.5099, 28.2783

# Details

The Hex color **D6AE70** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7098D6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE5A5**, and **9D7A3F** is the 20% darker color. If you saturate the color by 10%, you get **D6A65B**, and if you desaturate by 10%, it is **D6B685**.

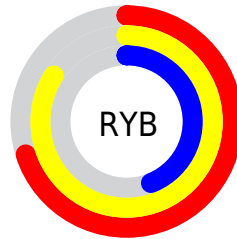
# Distribution



Red (84%)

Green (68%)

Blue (44%)



Red (70%)

Yellow (84%)

Blue (44%)

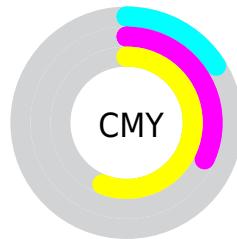


Cyan (0%)

Magenta (19%)

Yellow (48%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6AE70 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 D6AE70 by changing the saturation by 10% instead.



 D6AE70

 D6AE70

FFFFFF

 B99357

 FFE5A5

 9D7A3F

 FFFFC0

 826127

 FFFFDC

 67490F

 FFFFF9

 4D3300

 331E00

 1B0700

 000000

 D6AE70

 D6AE70

 D6A65B

 D6B685

 D69D45

 D6BF9B

 D69530

 D6C7B0

 D68C1A

 D6D0C6

 D68405

 D6D8DB

 D68200

 D6E0F0

 D6E9FF

 D6F1FF

 D6FAFF

# Harmonies

## Analogous

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



EEA281



D6AE70



B4B972

# Triad

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



D6AE70



35C7CA



D4A3E1

# Complementary

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



D6AE70



7098D6

# 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.



A7B0F5



D6AE70



37C3E8

# Square

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



D6AE70



61C6A7



6FBBF8



F09BC2

# Rectangle

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



D6AE70



9ABF7E



6FBBF8



C7A7EA



# Sweetspot

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



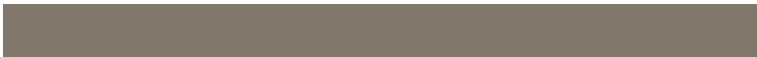
D6AE70



FFF1DB



D67099



80776A



000000



808080



# Same Dimension

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



D6AE70



FFC66E



CCD670



6B6760



AB6800



2B1A00

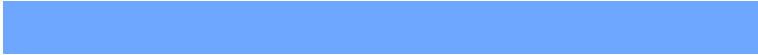


# Inverse Universe

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



7098D6



6EA7FF



7A70D6



60656B



0043AB



00112B



# Previews

## White Background



This preview shows how the Hex color D6AE70 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 D6AE70 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

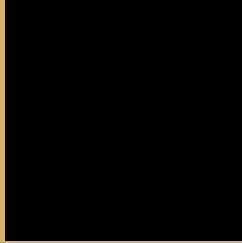
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6AE70 Background



This preview shows how black text looks on a background with the Hex color D6AE70.



This preview shows how white text looks on a background with the Hex color D6AE70.

# 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**  
D6AE70

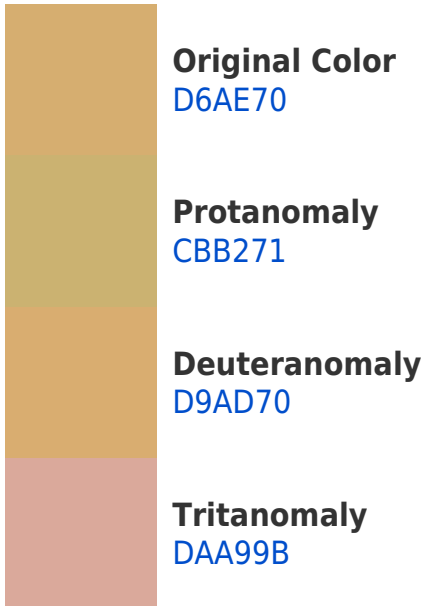
**Protanopia**  
C4B472

**Deuteranopia**  
DAAC70

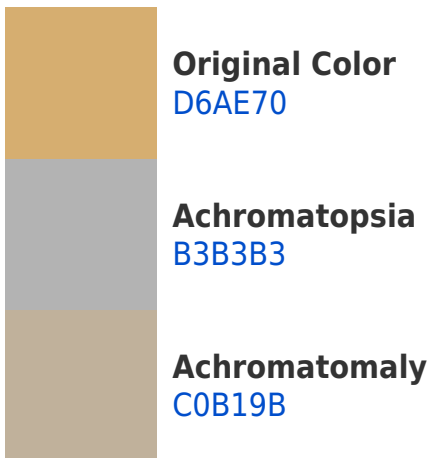


**Tritanopia**  
DCA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6AE70 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 #D6AE70 looks like.

```
.text, #text, p{  
    color:#D6AE70  
}
```

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 #D6AE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6AE70
}
```

## Border

The CSS property to change the border of an element to Hex D6AE70 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
#D6AE70 }
```

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

```
.border{ border-color:#D6AE70 }
```

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

Here you see how a box with a 4 pixel #D6AE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6AE70; -webkit-box-shadow:4px 4px  
4px 4px #D6AE70; box-shadow:4px 4px 4px  
4px #D6AE70 }
```

# Background

The CSS property to change the background color of an element to Hex D6AE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6AE70 }
```

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

```
.background{ background-color:#D6AE70 }
```

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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