

# Converting Colors

Hex(D5AD73)

Have a look what the booklet for  
Hex(D5AD73) contains.

<b>Hex(D5AD73)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5AD73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5AD73
RGB	213, 173, 115
RGB Percent	84%, 68%, 45%
CMY	0.1647, 0.3216, 0.5490
CMYK	0.00, 0.19, 0.46, 0.16
HSL	36°, 54%, 64%
HSV	36°, 46%, 84%
XYZ	45.4787, 45.2711, 22.5609
YIQ	178.3480, 42.4580, -9.5580

# Conversions

## Conversions Part 2

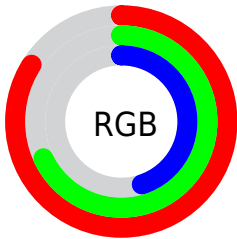
Format	Color
<a href="#">RYB</a>	<a href="#">183, 213, 115</a>
Decimal	<a href="#">14003571</a>
CIELab	<a href="#">73.07, 7.15, 35.22</a>
CIELCh	<a href="#">73, 35.940, 78.521</a>
Yxy	<a href="#">45.2711, 0.4014, 0.3995</a>
Android (android.graphics.Color)	<a href="#">4292193651 (0xFFD5AD73)</a>
YUV	<a href="#">178.3480, -31.2306, 30.3898</a>
Hunter-Lab	<a href="#">67.2838, 2.9056, 27.2182</a>

# Details

The Hex color **D5AD73** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **739BD5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE4A8**, and **9C7942** is the 20% darker color. If you saturate the color by 10%, you get **D5A45E**, and if you desaturate by 10%, it is **D5B688**.

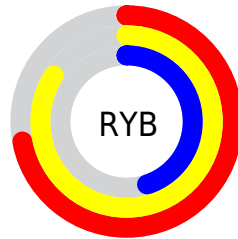
# Distribution



Red (84%)

Green (68%)

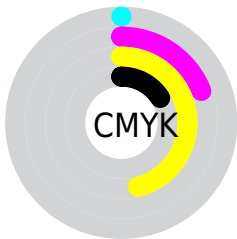
Blue (45%)



Red (72%)

Yellow (84%)

Blue (45%)

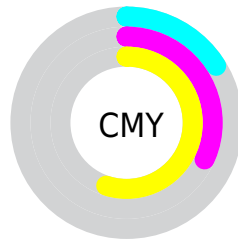


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5AD73 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 D5AD73 by changing the saturation by 10% instead.



 D5AD73

 D5AD73


FFFFFF

 B8925A

 FFE4A8

 9C7942

 FFFFC3

 81602A

 FFFFDF

 664813

 FFFFFC

 4C3200

 331D00

 1B0500

 000000

 D5AD73

 D5AD73

 D5A45E

 D5B688

 D59C48

 D5BE9E

 D59333

 D5C7B3

 D58A1E

 D5D0C8

 D58209

 D5D8DE

 D57E00

 D5E1F3

 D5EAF3

 D5F3FF

 D5FBFF

# Harmonies

## Analogous

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



ECA283



D5AD73



B5B874

# Triad

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



D5AD73



42C5C7



D1A4DF

# Complementary

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



D5AD73



739BD5

# 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.



A5AFF2



D5AD73



43C2E4

# Square

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



D5AD73



67C4A5



71BAF3



EC9CC1

# Rectangle

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



D5AD73



9CBE7F



71BAF3



C4A7E7



# Sweetspot

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



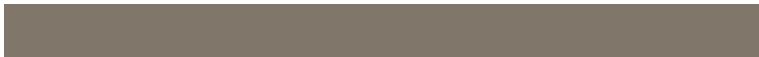
D5AD73



FFF0DB



D5739C



80776A



000000



808080



# Same Dimension

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



D5AD73



FFC673



CDD573



6B6760



AB6500



2B1A00

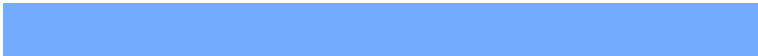


# Inverse Universe

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



739BD5



73ACFF



7B73D5



60656B



0046AB



00122B



# Previews

## White Background



This preview shows how the Hex color D5AD73 looks on a white background.

## Color Contrast Check

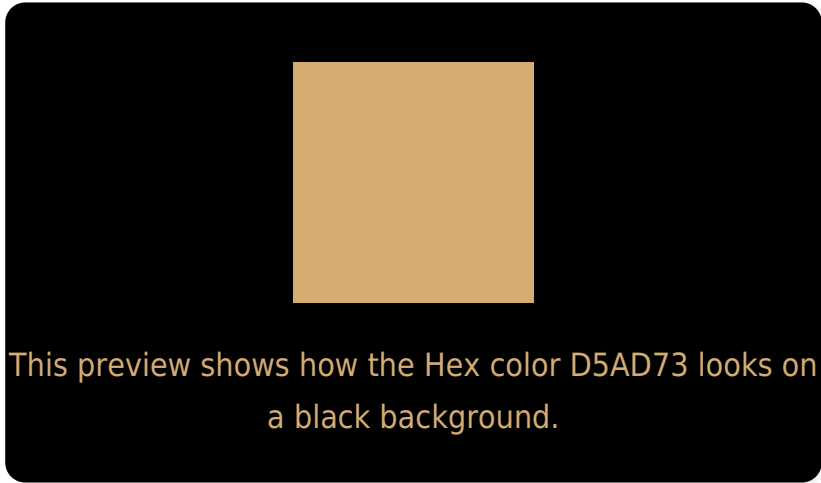
Large Text (above 18pt) WCAG AA × Fail

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

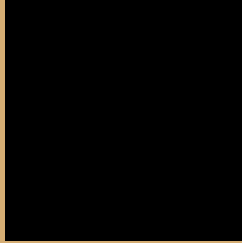
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5AD73 Background



This preview shows how black text looks on a background with the Hex color D5AD73.

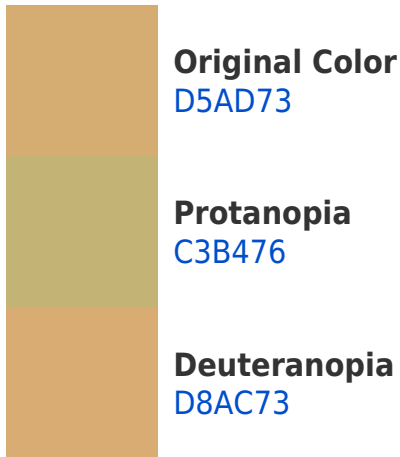


This preview shows how white text looks on a background with the Hex color D5AD73.

# Color Blindness Simulation

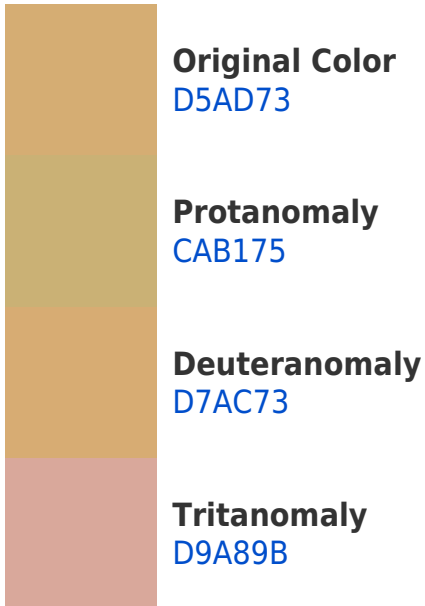
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

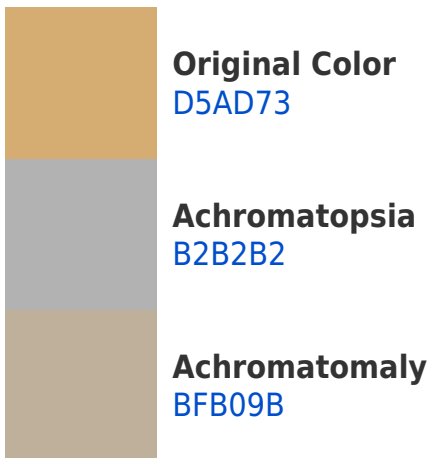




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5AD73 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 #D5AD73 looks like.

```
.text, #text, p{  
    color:#D5AD73  
}
```

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 #D5AD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AD73
}
```

## Border

The CSS property to change the border of an element to Hex D5AD73 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
#D5AD73 }
```

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

```
.border{ border-color:#D5AD73 }
```

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

Here you see how a box with a 4 pixel #D5AD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AD73; -webkit-box-shadow:4px 4px  
4px 4px #D5AD73; box-shadow:4px 4px 4px  
4px #D5AD73 }
```

# Background

The CSS property to change the background color of an element to Hex D5AD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AD73 }
```

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

```
.background{ background-color:#D5AD73 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor