

# Converting Colors

Hex(D5A349)

Have a look what the booklet for  
Hex(D5A349) contains.

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# **Color**

**Hex(D5A349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A349
RGB	213, 163, 73
RGB Percent	84%, 64%, 29%
CMY	0.1647, 0.3608, 0.7137
CMYK	0.00, 0.23, 0.66, 0.16
HSL	39°, 63%, 56%
HSV	39°, 66%, 84%
XYZ	41.7404, 40.8216, 11.9827
YIQ	167.6900, 58.6900, -17.3900

# Conversions

## Conversions Part 2

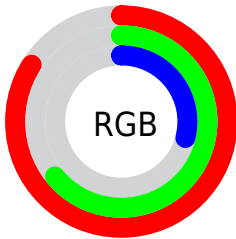
Format	Color
<a href="#">RYB</a>	<a href="#">151, 213, 73</a>
Decimal	<a href="#">14000969</a>
CIELab	<a href="#">70.05, 9.14, 52.52</a>
CIElCh	<a href="#">70, 53.310, 80.124</a>
Yxy	<a href="#">40.8216, 0.4415, 0.4318</a>
Android (android.graphics.Color)	<a href="#">4292191049</a> ( <a href="#">0xFFD5A349</a> )
YUV	<a href="#">167.6900, -46.6822, 39.7369</a>
Hunter-Lab	<a href="#">63.8918, 4.8032, 33.6045</a>

# Details

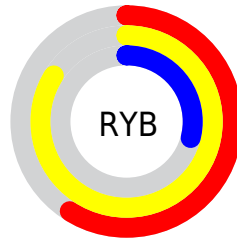
The Hex color **D5A349** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **497BD5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDA7D**, and **9B7013** is the 20% darker color. If you saturate the color by 10%, you get **D59B34**, and if you desaturate by 10%, it is **D5AB5E**.

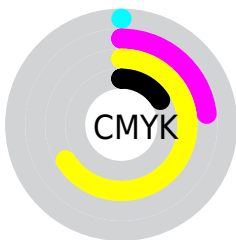
# Distribution



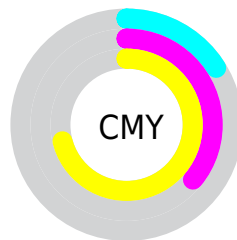
- Red (84%)
- Green (64%)
- Blue (29%)



- Red (59%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5A349 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 D5A349 by changing the saturation by 10% instead.



 D5A349

 D5A349

FFFFFF

 B8892F

 FFDA7D

 9B7013

 FFF698

 7E5700

 FFFFB4

 634000

 FFFF00

 472A00

 FFFFEC

 2D1600

 150000

 000000

 D5A349

 D5A349

 D59B34

 D5AB5E

 D5941E

 D5B274

 D58C09

 D5BA89

 D58900

 D5C19E

 D5C9B4

 D5D1C9

 D5D8DE

 D5E0F3

 D5E7FF

# Harmonies

## Analogous

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



F79162



D5A349



A7B34C

# Triad

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



D5A349



00C3CB



D792EA

# Complementary

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



D5A349



497BD5

# 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.



94A5FF



D5A349



00BFF4

# Square

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



D5A349



00C399



00B5FF



FD83BD

# Rectangle

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



D5A349



83BA5E



00B5FF



C498F6

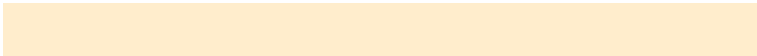


# Sweetspot

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



D5A349



FFEDCC



D5497C



807561



000000



808080



# Same Dimension

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



D5A349



FFB736



C2D549



6B6760



AB6E00



2B1C00



# Inverse Universe

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



497BD5



367DFF



5C49D5



60646B



003DAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D5A349 looks on a white background.

## Color Contrast Check

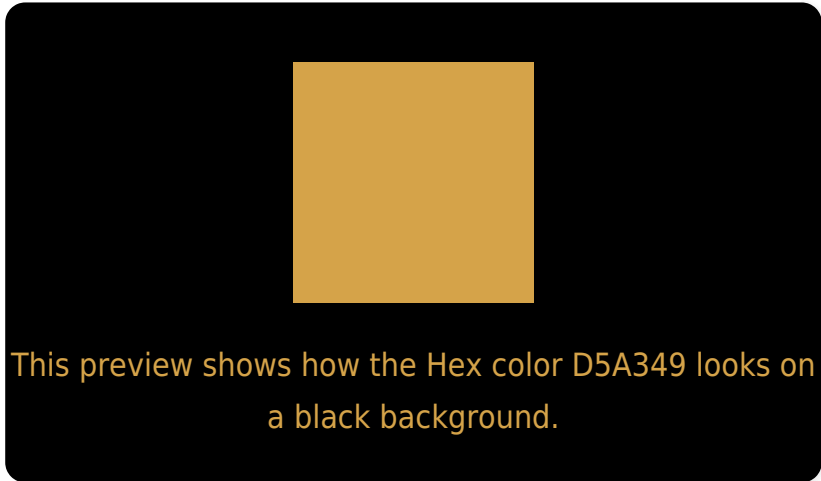
Large Text (above 18pt) WCAG AA × Fail

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 D5A349 Background



This preview shows how black text looks on a background with the Hex color D5A349.



This preview shows how white text looks on a background with the Hex color D5A349.

# 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**  
D5A349

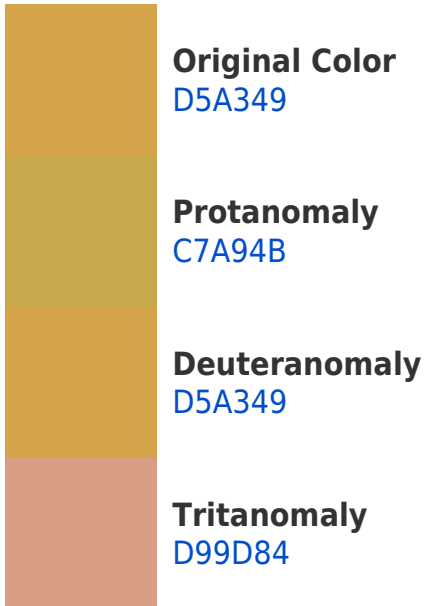
**Protanopia**  
BFAC4C

**Deuteranopia**  
D5A349

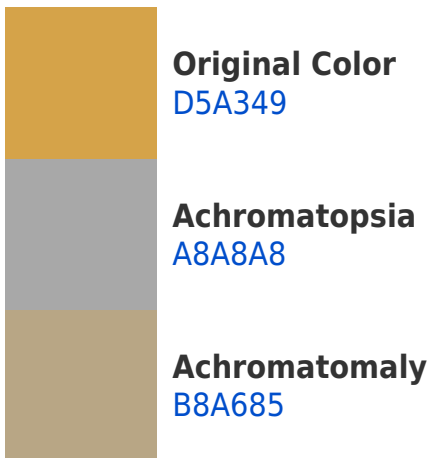


**Tritanopia**  
DC99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5A349 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 #D5A349 looks like.

```
.text, #text, p{  
    color:#D5A349  
}
```

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 #D5A349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5A349
}
```

## Border

The CSS property to change the border of an element to Hex D5A349 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
#D5A349 }
```

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

```
.border{ border-color:#D5A349 }
```

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

Here you see how a box with a 4 pixel #D5A349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5A349; -webkit-box-shadow:4px 4px  
4px 4px #D5A349; box-shadow:4px 4px 4px  
4px #D5A349 }
```

# Background

The CSS property to change the background color of an element to Hex D5A349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5A349 }
```

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

```
.background{ background-color:#D5A349 }
```

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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