

# Converting Colors

Hex(D8D369)

Have a look what the booklet for  
Hex(D8D369) contains.

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# **Color**

**Hex(D8D369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D369
RGB	216, 211, 105
RGB Percent	85%, 83%, 41%
CMY	0.1529, 0.1725, 0.5882
CMYK	0.00, 0.02, 0.51, 0.15
HSL	57°, 59%, 63%
HSV	57°, 51%, 85%
XYZ	54.1630, 62.2074, 22.5171
YIQ	200.4110, 37.0060, -31.9060

# Conversions

## Conversions Part 2

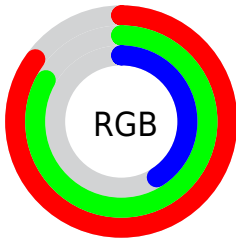
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	110, 216, 105
Decimal	14209897
CIE <sub>Lab</sub>	83.02, -12.29, 52.46
CIE <sub>LCh</sub>	83, 53.880, 103.189
Y <sub>xy</sub>	62.2074, 0.3900, 0.4479
Android (android.graphics.Color)	4292399977 (0xFFD8D369)
Y <sub>UV</sub>	200.4110, -47.0376, 13.6716
Hunter-Lab	78.8717, -15.4454, 38.2834

# Details

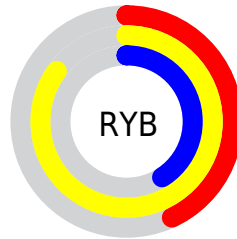
The Hex color **D8D369** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **696ED8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF9F**, and **9F9D35** is the 20% darker color. If you saturate the color by 10%, you get **D8D253**, and if you desaturate by 10%, it is **D8D47F**.

# Distribution



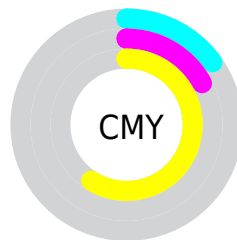
- Red (85%)
- Green (83%)
- Blue (41%)



- Red (43%)
- Yellow (85%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (51%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D369 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 D8D369 by changing the saturation by 10% instead.



 D8D369

 D8D369

FFFFFF

 BBB74F

 FFFF9F

 9F9D35

 FFFFBB

 838318

 FFFFD7

 686A00

 FFFFF4

 4E5200

 343B00

 1C2500

 001200

 000000

 D8D369

 D8D369

 D8D253

 D8D47F

 D8D13E

 D8D594

 D8D028

 D8D6AA

 D8CF13

 D8D7BF

 D8CE00

 D8D8D5

 D8D9EB

 D8DAFF

 D8DBFF

 D8DCFF

# Harmonies

## Analogous

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



FFC26D



D8D369



A0E082

# Triad

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



D8D369



00E6FF



FFA9ED

# Complementary

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



D8D369



696ED8

# 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.



F0B9FF



D8D369



1CDCFF

# Square

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



D8D369



00E9E4



A5CCFF



FFA5BA

# Rectangle

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



D8D369



72E59F



A5CCFF



FFADFD



# Sweetspot

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



D8D369



FFFDD9



D8696F



807E69



000000



808080



# Same Dimension

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



D8D369



FFF861



A6D869



6B6B60



ABA300



2B2900



# Inverse Universe

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



696ED8



6168FF



9B69D8



60616B



0008AB



00022B



# Previews

## White Background



This preview shows how the Hex color D8D369 looks on a white background.

## Color Contrast Check

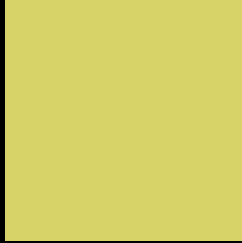
Large Text (above 18pt) WCAG AA × Fail

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 D8D369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

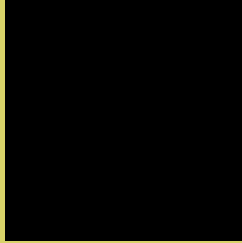
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8D369 Background



This preview shows how black text looks on a background with the Hex color D8D369.

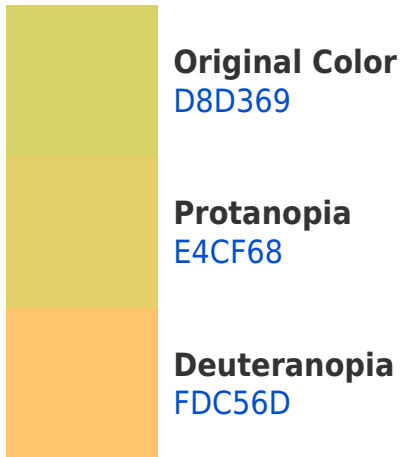


This preview shows how white text looks on a background with the Hex color D8D369.

# 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](#).

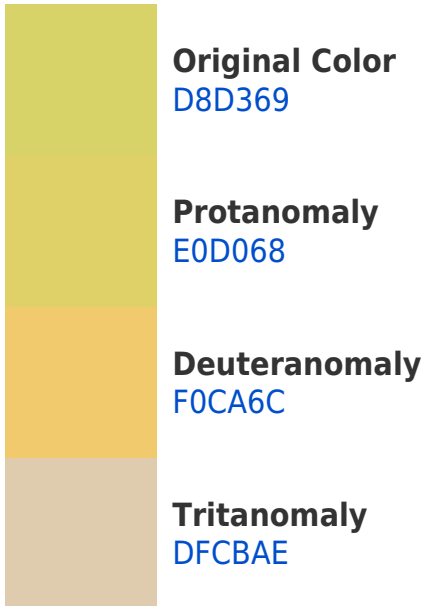
## Dichromacy



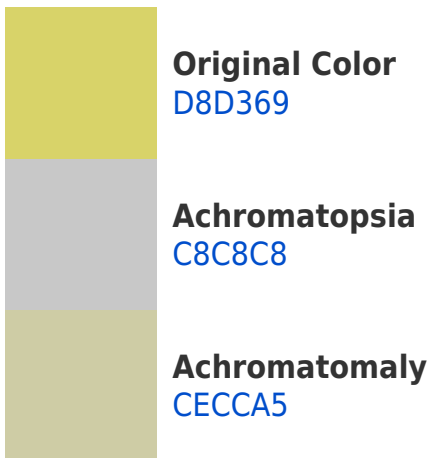


**Tritanopia**  
E3C7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D369 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 #D8D369 looks like.

```
.text, #text, p{  
    color:#D8D369  
}
```

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 #D8D369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D369
}
```

## Border

The CSS property to change the border of an element to Hex D8D369 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
#D8D369 }
```

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

```
.border{ border-color:#D8D369 }
```

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

Here you see how a box with a 4 pixel #D8D369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D369; -webkit-box-shadow:4px 4px  
4px 4px #D8D369; box-shadow:4px 4px 4px  
4px #D8D369 }
```

# Background

The CSS property to change the background color of an element to Hex D8D369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D369 }
```

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

```
.background{ background-color:#D8D369 }
```

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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