

# Converting Colors

Hex(D89E69)

Have a look what the booklet for  
Hex(D89E69) contains.

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**Color**

**Hex(D89E69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D89E69
RGB	216, 158, 105
RGB Percent	85%, 62%, 41%
CMY	0.1529, 0.3804, 0.5882
CMYK	0.00, 0.27, 0.51, 0.15
HSL	29°, 59%, 63%
HSV	29°, 51%, 85%
XYZ	43.0956, 40.0726, 18.8280
YIQ	169.3000, 51.5810, -4.1870

# Conversions

## Conversions Part 2

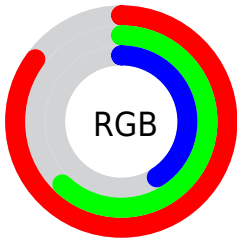
Format	Color
R <sub>Y</sub> B	216, 206, 105
Decimal	14196329
CIE Lab	69.52, 15.50, 36.03
CIE LCh	70, 39.217, 66.727
Yxy	40.0726, 0.4225, 0.3929
Android (android.graphics.Color)	4292386409 (0xFFD89E69)
YUV	169.3000, -31.6999, 40.9559
Hunter-Lab	63.3029, 10.7398, 26.6776

# Details

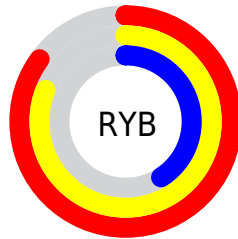
The Hex color **D89E69** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69A3D8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD59D**, and **9E6B38** is the 20% darker color. If you saturate the color by 10%, you get **D89353**, and if you desaturate by 10%, it is **D8A97F**.

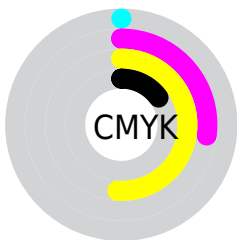
# Distribution



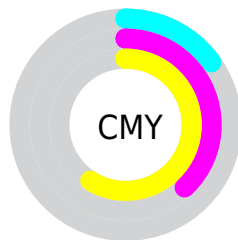
- Red (85%)
- Green (62%)
- Blue (41%)



- Red (85%)
- Yellow (81%)
- Blue (41%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (15%)



- Cyan (15%)
- Magenta (38%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D89E69 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 D89E69 by changing the saturation by 10% instead.



 D89E69

 D89E69

FFFFFF

 BB8450

 FFD59D

 9E6B38

 FFF1B8

 825221

 FFFFD4

 673B09

 FFFFF1

 4D2500

 321100

 1A0001

 000000

 D89E69

 D89E69

 D89353

 D8A97F

 D8873E

 D8B594

 D87C28

 D8C0AA

 D87113

 D8CBBF

 D86700

 D8D6D5

 D8E2EB

 D8EDFF

 D8F8FF

 D8FFFF

# Harmonies

## Analogous

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



EB9381



D89E69



B9AA62

# Triad

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



D89E69



2FBDB1



B89EE3

# Complementary

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



D89E69



69A3D8

# 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.



83ABF0



D89E69



00BBD3

# Square

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



D89E69



67BA8D



3FB5EA



DD92C7

# Rectangle

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



D89E69



A0B169



3FB5EA



A8A2E9

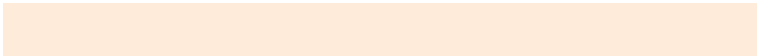


# Sweetspot

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



D89E69



FFEBD9



D869A4



807469



000000



808080



# Same Dimension

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



D89E69



FFAC61



D8D469



6B6660



AB5200



2B1500



# Inverse Universe

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



69A3D8



61B4FF



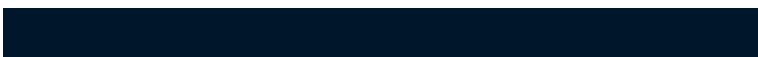
696DD8



60666B



0059AB



00172B



# Previews

## White Background



This preview shows how the Hex color D89E69 looks on a white background.

## Color Contrast Check

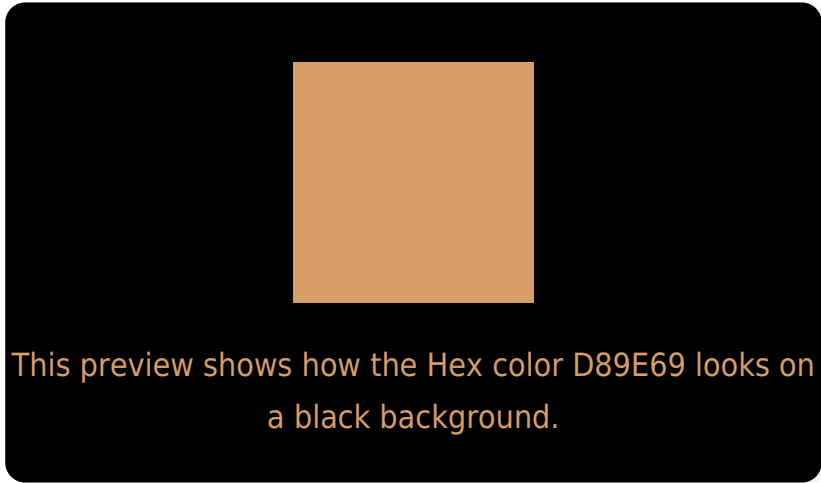
Large Text (above 18pt) WCAG AA × Fail

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

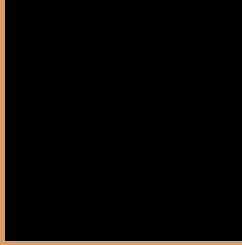
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D89E69 Background



This preview shows how black text looks on a background with the Hex color D89E69.



This preview shows how white text looks on a background with the Hex color D89E69.

# 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**  
D89E69

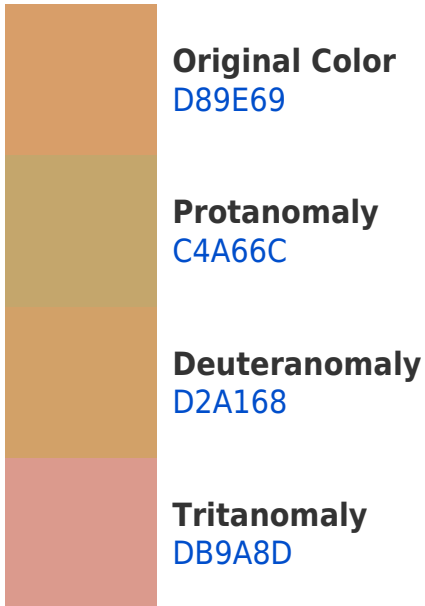
**Protanopia**  
B9AA6E

**Deuteranopia**  
CEA268

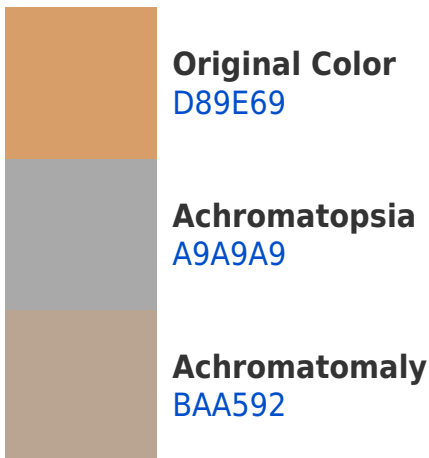


**Tritanopia**  
DD97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D89E69 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 #D89E69 looks like.

```
.text, #text, p{  
    color:#D89E69  
}
```

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 #D89E69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89E69
}
```

## Border

The CSS property to change the border of an element to Hex D89E69 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
#D89E69 }
```

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

```
.border{ border-color:#D89E69 }
```

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

Here you see how a box with a 4 pixel #D89E69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89E69; -webkit-box-shadow:4px 4px  
4px 4px #D89E69; box-shadow:4px 4px 4px  
4px #D89E69 }
```

# Background

The CSS property to change the background color of an element to Hex D89E69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89E69 }
```

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

```
.background{ background-color:#D89E69 }
```

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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