

# Converting Colors

Hex(D89471)

Have a look what the booklet for  
Hex(D89471) contains.

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# **Color**

**Hex(D89471)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D89471
RGB	216, 148, 113
RGB Percent	85%, 58%, 44%
CMY	0.1529, 0.4196, 0.5569
CMYK	0.00, 0.31, 0.48, 0.15
HSL	20°, 57%, 65%
HSV	20°, 48%, 85%
XYZ	41.8894, 36.9710, 20.5511
YIQ	164.3420, 51.7630, 3.5310

# Conversions

## Conversions Part 2

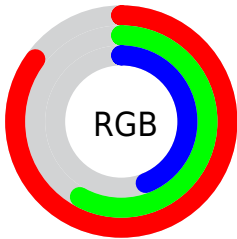
Format	Color
R <sub>Y</sub> B	216, 166, 113
Decimal	14193777
CIE Lab	67.26, 21.64, 28.82
CIE LCh	67, 36.042, 53.092
Yxy	36.9710, 0.4214, 0.3719
Android (android.graphics.Color)	4292383857 (0xFFD89471)
YUV	164.3420, -25.3116, 45.3041
Hunter-Lab	60.8038, 16.5671, 22.5232

# Details

The Hex color **D89471** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71B5D8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCAA5**, and **9E6140** is the 20% darker color. If you saturate the color by 10%, you get **D8865B**, and if you desaturate by 10%, it is **D8A287**.

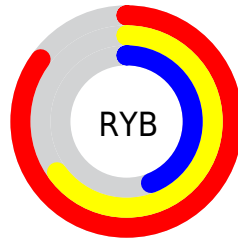
# Distribution



Red (85%)

Green (58%)

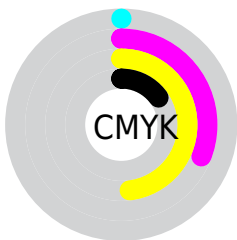
Blue (44%)



Red (85%)

Yellow (65%)

Blue (44%)

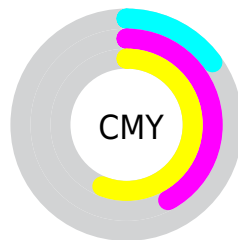


Cyan (0%)

Magenta (31%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D89471 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 D89471 by changing the saturation by 10% instead.



 D89471

 D89471

FFFFFF

 BB7A58

 FFCAA5

 9E6140

 FFE7C0

 82492A

 FFFFDC

 673214

 FFFFF9

 4D1B00

 320600

 160000

 000000

 D89471

 D89471

 D8865B

 D8A287

 D87746

 D8B19C

 D86930

 D8BFB2

 D85B1B

 D8CDC7

 D84D05

 D8DBDD

 D84900

 D8EAF3

 D8F8FF

 D8FFFF

# Harmonies

## Analogous

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



E38C8C



D89471



C09F63

# Triad

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



D89471



50B59B



9D9EDF

# Complementary

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



D89471



71B5D8

# 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.



68A9E4



D89471



23B5BC

# Square

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



D89471



7AB17C



30B1D7



C593CB

# Rectangle

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



D89471



ABA664



30B1D7



8CA2E3

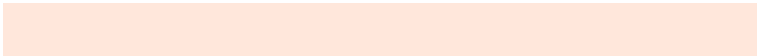


# Sweetspot

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



D89471



FFE7DB



D871B6



80716A



000000



808080



# Same Dimension

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



D89471



FF9F6E



D8C771



6B6460



AB3A00



2B0F00

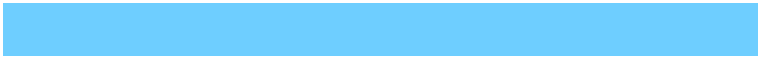


# Inverse Universe

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



71B5D8



6ECEFF



7182D8



60676B



0071AB



001D2B



# Previews

## White Background



This preview shows how the Hex color D89471 looks on a white background.

## Color Contrast Check

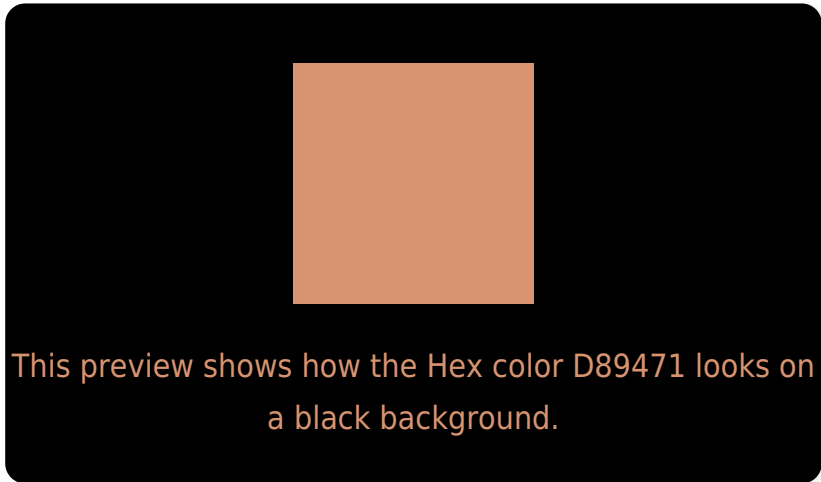
Large Text (above 18pt) WCAG AA × Fail

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

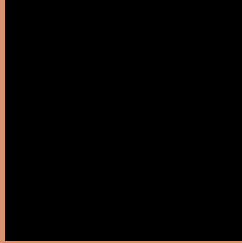
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D89471 Background



This preview shows how black text looks on a background with the Hex color D89471.



This preview shows how white text looks on a background with the Hex color D89471.

# 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**  
D89471

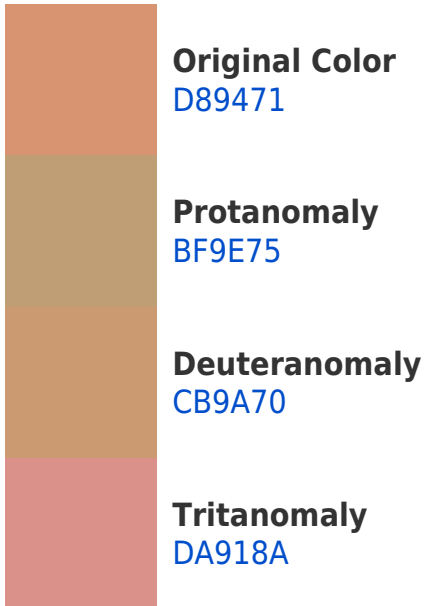
**Protanopia**  
B0A478

**Deuteranopia**  
C49D6F

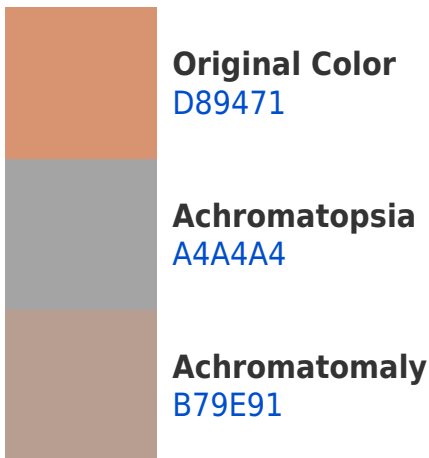


**Tritanopia**  
DB8F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D89471 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 #D89471 looks like.

```
.text, #text, p{  
    color:#D89471  
}
```

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 #D89471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89471
}
```

## Border

The CSS property to change the border of an element to Hex D89471 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
#D89471 }
```

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

```
.border{ border-color:#D89471 }
```

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

Here you see how a box with a 4 pixel #D89471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89471; -webkit-box-shadow:4px 4px  
4px 4px #D89471; box-shadow:4px 4px 4px  
4px #D89471 }
```

# Background

The CSS property to change the background color of an element to Hex D89471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89471 }
```

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

```
.background{ background-color:#D89471 }
```

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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