

# Converting Colors

Hex(D38971)

Have a look what the booklet for  
Hex(D38971) contains.

<b>Hex(D38971)</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(D38971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D38971
RGB	211, 137, 113
RGB Percent	83%, 54%, 44%
CMY	0.1725, 0.4627, 0.5569
CMYK	0.00, 0.35, 0.46, 0.17
HSL	15°, 53%, 64%
HSV	15°, 46%, 83%
XYZ	38.7903, 32.9325, 19.9349
YIQ	156.3900, 51.8080, 8.2240

# Conversions

## Conversions Part 2

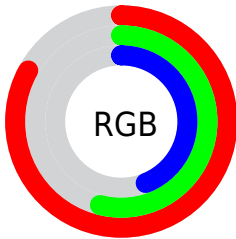
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 145, 113
Decimal	13863281
CIE Lab	64.11, 25.59, 24.55
CIE LCh	64, 35.463, 43.806
Yxy	32.9325, 0.4232, 0.3593
Android (android.graphics.Color)	4292053361 (0xFFD38971)
YUV	156.3900, -21.3913, 47.8930
Hunter-Lab	57.3868, 20.2291, 19.5747

# Details

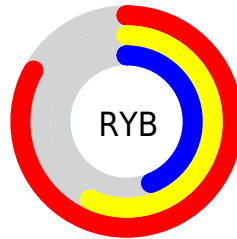
The Hex color **D38971** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71BBD3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBFA5**, and **9A5641** is the 20% darker color. If you saturate the color by 10%, you get **D3795C**, and if you desaturate by 10%, it is **D39986**.

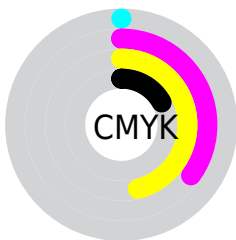
# Distribution



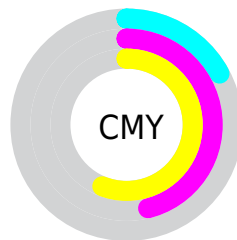
- Red (83%)
- Green (54%)
- Blue (44%)



- Red (83%)
- Yellow (57%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (17%)



- Cyan (17%)
- Magenta (46%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D38971 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 D38971 by changing the saturation by 10% instead.



 D38971

 D38971

FFFFFF

 B66F58

 FFBF A5

 9A5641

 FFDB C0

 7E3E2A

 FFF8 DC

 622715

 FFFFF9

 481000

 2E0000

 000000

 D38971

 D38971

 D3795C

 D39986

 D36947

 D3A99B

 D35932

 D3B9B0

 D3491D

 D3C9C5

 D33908

 D3D9DB

 D33400

 D3E9F0

 D3F9FF

 D3FFFF

# Harmonies

## Analogous

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



D9838E



D38971



BF945F

# Triad

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



D38971



56AB89



8599D9

# Complementary

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



D38971



71BBD3

# 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.



4EA3D7



D38971



27ACA9

# Square

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



D38971



7EA66D



14AAC6



B28EC9

# Rectangle

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



D38971



AC9B5C



14AAC6



749DDA

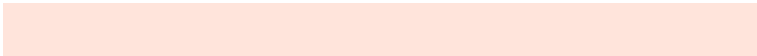


# Sweetspot

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



D38971



FFE4DB



D371BC



806F6A



000000



808080



# Same Dimension

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



D38971



FF9370



D3B971



69615E



A82900



290A00



# Inverse Universe

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



71BBD3



70DCFF



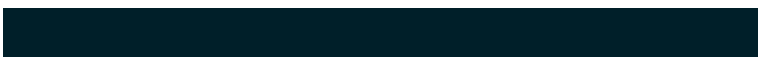
718BD3



5E6669



007FA8



001F29



# Previews

## White Background



This preview shows how the Hex color D38971 looks on a white background.

## Color Contrast Check

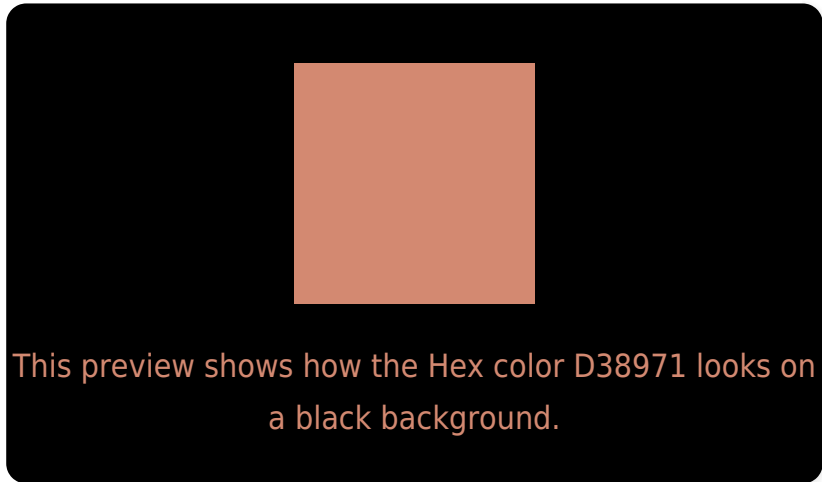
Large Text (above 18pt) WCAG AA × Fail

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 D38971 Background



This preview shows how black text looks on a background with the Hex color D38971.

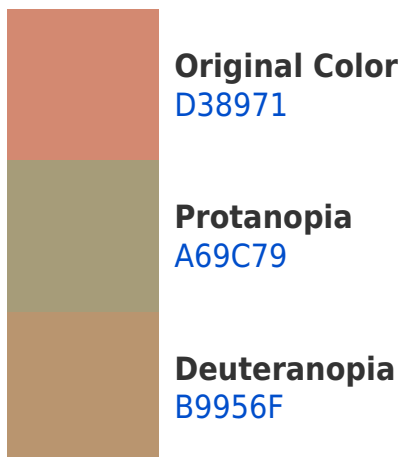



This preview shows how white text looks on a background with the Hex color D38971.

# 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**  
D5858F

# Trichromacy



**Original Color**  
D38971

**Protanomaly**  
B69576

**Deuteranomaly**  
C29170

**Tritanomaly**  
D48684

# Monochromacy



**Original Color**  
D38971

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
B0958C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D38971 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 #D38971 looks like.

```
.text, #text, p{  
    color:#D38971  
}
```

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 #D38971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38971
}
```

## Border

The CSS property to change the border of an element to Hex D38971 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
#D38971 }
```

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

```
.border{ border-color:#D38971 }
```

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

Here you see how a box with a 4 pixel #D38971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38971; -webkit-box-shadow:4px 4px  
4px 4px #D38971; box-shadow:4px 4px 4px  
4px #D38971 }
```

# Background

The CSS property to change the background color of an element to Hex D38971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38971 }
```

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

```
.background{ background-color:#D38971 }
```

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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