

# Converting Colors

Hex(D39476)

Have a look what the booklet for  
Hex(D39476) contains.

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# **Color**

**Hex(D39476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D39476
RGB	211, 148, 118
RGB Percent	83%, 58%, 46%
CMY	0.1725, 0.4196, 0.5373
CMYK	0.00, 0.30, 0.44, 0.17
HSL	19°, 51%, 65%
HSV	19°, 44%, 83%
XYZ	40.7239, 36.3367, 22.0068
YIQ	163.4170, 47.1780, 4.0260

# Conversions

## Conversions Part 2

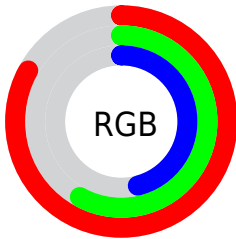
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 162, 118
Decimal	13866102
CIE <sub>Lab</sub>	66.78, 20.15, 25.35
CIE <sub>LCh</sub>	67, 32.378, 51.521
Yxy	36.3367, 0.4111, 0.3668
Android (android.graphics.Color)	4292056182 (0xFFD39476)
YUV	163.4170, -22.3906, 41.7303
Hunter-Lab	60.2799, 15.1011, 20.5505

# Details

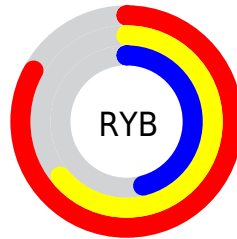
The Hex color **D39476** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76B5D3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCAAA**, and **9A6145** is the 20% darker color. If you saturate the color by 10%, you get **D38661**, and if you desaturate by 10%, it is **D3A28B**.

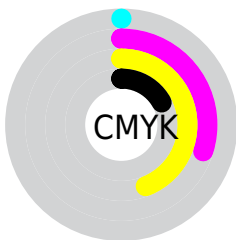
# Distribution



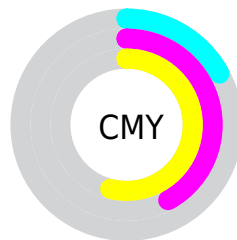
- Red (83%)
- Green (58%)
- Blue (46%)



- Red (83%)
- Yellow (64%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (17%)



- Cyan (17%)
- Magenta (42%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D39476 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 D39476 by changing the saturation by 10% instead.



 D39476

 D39476

FFFFFF

 B67A5D

 FFCAAA

 9A6145

 FFE6C6

 7E492F

 FFFFE2

 633219

 4A1C00

 300600

 0F0000

 000000

 D39476

 D39476

 D38661

 D3A28B

 D3774C

 D3B1A0

 D36937

 D3BFB5

 D35B22

 D3CDCA

 D34D0D

 D3DBE0

 D34400

 D3EAF5

 D3F8FF

 D3FFFF

# Harmonies

## Analogous

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



DC8D8F



D39476



BE9E69

# Triad

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



D39476



5CB299



9B9ED8

# Complementary

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



D39476



76B5D3

# 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.



6DA8DB



D39476



3FB2B7

# Square

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



D39476



7FAE7D



45AFCF



BF94C7

# Rectangle

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



D39476



ABA469



45AFCF



8CA1DB

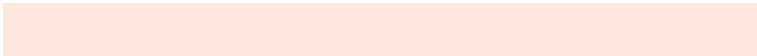


# Sweetspot

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



D39476



FFE9DE



D376B6



80726B



000000



808080



# Same Dimension

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



D39476



FFA378



D3C276



69615E



A83600



290D00

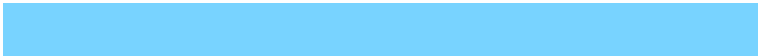


# Inverse Universe

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



76B5D3



78D3FF



7687D3



5E6569



0072A8



001C29



# Previews

## White Background



This preview shows how the Hex color D39476 looks on a white background.

## Color Contrast Check

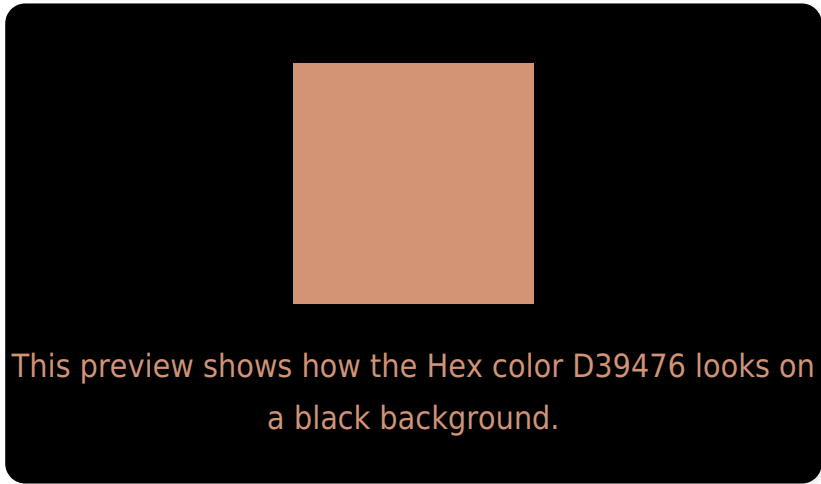
Large Text (above 18pt) WCAG AA × Fail

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

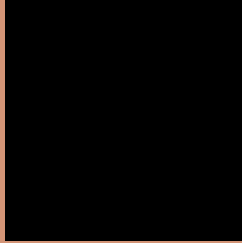
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D39476 Background



This preview shows how black text looks on a background with the Hex color D39476.



This preview shows how white text looks on a background with the Hex color D39476.

# 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**  
D39476

**Protanopia**  
AEA37C

**Deuteranopia**  
C19C74



**Tritanopia**  
D68F9A

# Trichromacy



**Original Color**  
D39476

**Protanomaly**  
BB9E7A

**Deuteranomaly**  
C89975

**Tritanomaly**  
D5918D

# Monochromacy



**Original Color**  
D39476

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
B49E93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D39476 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 #D39476 looks like.

```
.text, #text, p{  
    color:#D39476  
}
```

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 #D39476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39476  
}
```

## Border

The CSS property to change the border of an element to Hex D39476 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  
#D39476 }
```

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

```
.border{ border-color:#D39476 }
```

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

Here you see how a box with a 4 pixel #D39476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39476; -webkit-box-shadow:4px 4px  
4px 4px #D39476; box-shadow:4px 4px 4px  
4px #D39476 }
```

# Background

The CSS property to change the background color of an element to Hex D39476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39476 }
```

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

```
.background{ background-color:#D39476 }
```

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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