

# Converting Colors

Hex(D49400)

Have a look what the booklet for  
Hex(D49400) contains.

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**Color**

**Hex(D49400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D49400
RGB	212, 148, 0
RGB Percent	83%, 58%, 0%
CMY	0.1686, 0.4196, 1.0000
CMYK	0.00, 0.30, 1.00, 0.17
HSL	42°, 100%, 42%
HSV	42°, 100%, 83%
XYZ	37.7413, 35.1769, 4.8006
YIQ	150.2640, 85.6520, -32.4600

# Conversions

## Conversions Part 2

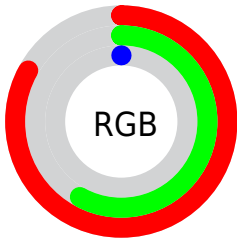
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 212, 0</a>
Decimal	<a href="#">13931520</a>
CIELab	<a href="#">65.89, 14.55, 70.53</a>
CIELCh	<a href="#">66, 72.013, 78.346</a>
Yxy	<a href="#">35.1769, 0.4856, 0.4526</a>
Android (android.graphics.Color)	<a href="#">4292121600 (0xFFD49400)</a>
YUV	<a href="#">150.2640, -74.0802, 54.1425</a>
Hunter-Lab	<a href="#">59.3101, 9.7938, 36.7181</a>

# Details

The Hex color **D49400** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0040D4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFCA4A**, and **986200** is the 20% darker color. If you saturate the color by 10%, you get **D49400**, and if you desaturate by 10%, it is **D49A15**.

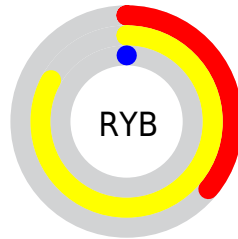
# Distribution



Red (83%)

Green (58%)

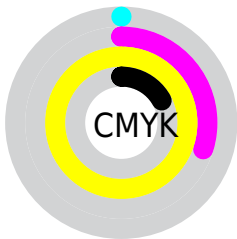
Blue (0%)



Red (36%)

Yellow (83%)

Blue (0%)

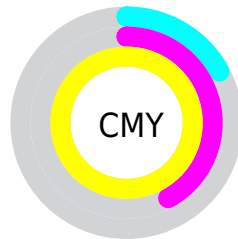


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D49400 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 D49400 by changing the saturation by 10% instead.



 D49400

 D49400

FFFFFF

 B67A00

 FFCA4A

 986200

 FFE666

 7A4A00

 FFFF82

 5D3300

 FFFF9D

 421E00

 FFFFBA

 290900

 FFFFD7

 000000

 FFFFF4

 D49400

 D49A15

 D4A12A

 D4A740

 D4AE55

 D4B46A

 D4BA7F

 D4C194

 D4C7AA

 D4CEBF

# Harmonies

## Analogous

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



FF7840



D49400



9AA900

# Triad

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



D49400



00BEC7



D47CF7

# Complementary

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



D49400



0040D4

# 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.



699AFF



D49400



00BAFF

# Square

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



D49400



00BC84



00AFFF



FF62BC

# Rectangle

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



D49400



69B22F



00AFFF



B986FF



# Sweetspot

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



D49400



FFE8B3



D40043



807252



000000



808080



# Same Dimension

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



D49400



FFB200



ADD400



6B6860



AB7700



2B1E00



# Inverse Universe

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



0040D4



004DFF



2700D4



60646B



0034AB



000D2B



# Previews

## White Background



This preview shows how the Hex color D49400 looks on a white background.

## Color Contrast Check

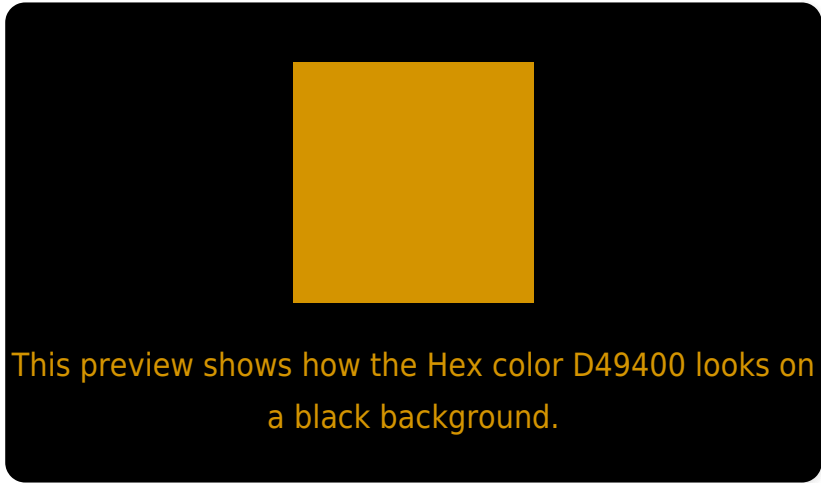
Large Text (above 18pt) WCAG AA × Fail

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 D49400 Background



This preview shows how black text looks on a background with the Hex color D49400.



This preview shows how white text looks on a background with the Hex color D49400.

# 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**  
D49400

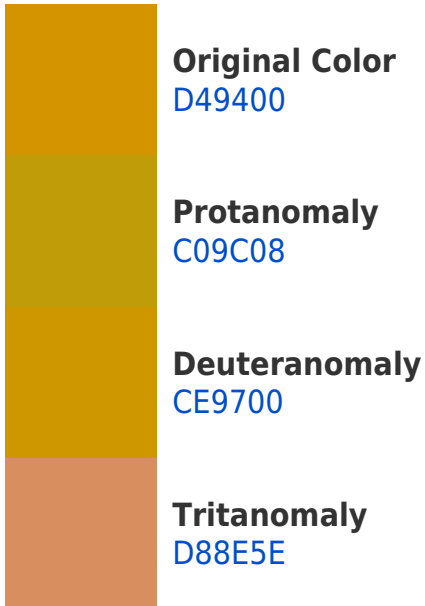
**Protanopia**  
B5A10D

**Deuteranopia**  
CB9800

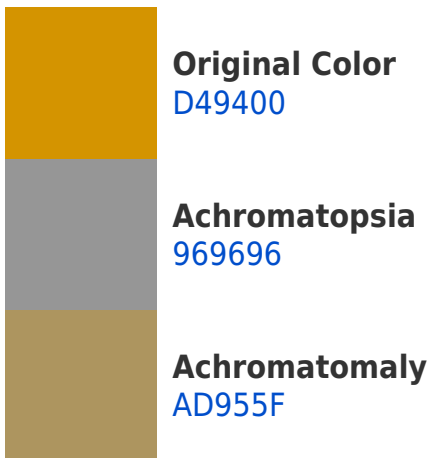


**Tritanopia**  
DB8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D49400 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 #D49400 looks like.

```
.text, #text, p{  
    color:#D49400  
}
```

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 #D49400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49400
}
```

## Border

The CSS property to change the border of an element to Hex D49400 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
#D49400 }
```

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

```
.border{ border-color:#D49400 }
```

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

Here you see how a box with a 4 pixel #D49400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49400; -webkit-box-shadow:4px 4px  
4px 4px #D49400; box-shadow:4px 4px 4px  
4px #D49400 }
```

# Background

The CSS property to change the background color of an element to Hex D49400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49400 }
```

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

```
.background{ background-color:#D49400 }
```

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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