

Converting Colors

Hex(D49A3F)

Have a look what the booklet for
Hex(D49A3F) contains.

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Color

Hex(D49A3F)

Conversions

Conversions Part 1

Format	Color
Hex	D49A3F
RGB	212, 154, 63
RGB Percent	83%, 60%, 25%
CMY	0.1686, 0.3961, 0.7529
CMYK	0.00, 0.27, 0.70, 0.17
HSL	37°, 63%, 54%
HSV	37°, 70%, 83%
XYZ	39.6042, 37.4671, 9.8471
YIQ	160.9680, 63.7790, -16.0050

Conversions

Conversions Part 2

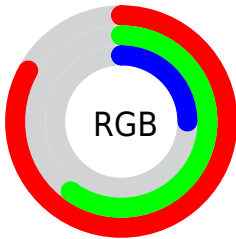
Format	Color
RYB	158, 212, 63
Decimal	13933119
CIELab	67.63, 13.00, 54.41
CIELCh	68, 55.940, 76.565
Yxy	37.4671, 0.4556, 0.4311
Android (android.graphics.Color)	4292123199 (0xFFD49A3F)
YUV	160.9680, -48.2982, 44.7551
Hunter-Lab	61.2104, 8.3744, 33.3091

Details

The Hex color **D49A3F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3F79D4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD073**, and **996702** is the 20% darker color. If you saturate the color by 10%, you get **D4922A**, and if you desaturate by 10%, it is **D4A254**.

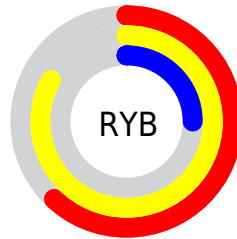
Distribution



Red (83%)

Green (60%)

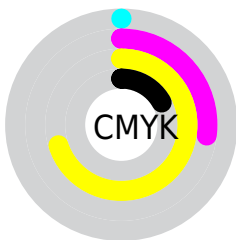
Blue (25%)



Red (62%)

Yellow (83%)

Blue (25%)

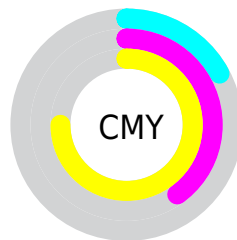


Cyan (0%)

Magenta (27%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49A3F 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 D49A3F by changing the saturation by 10% instead.

 D49A3F

 D49A3F

FFFFFF

 B68024

 FFD073

 996702

 FFEC8E

 7C4F00

 FFFFA9

 613800

 FFFFC5

 452300

 FFFFEE

 2B0F00

 070000

 000000

 D49A3F

 D49A3F

 D4922A

 D4A254

 D48915

 D4AB69

 D48100

 D4B37F

 D4BB94

 D4C3A9

 D4CCBE

 D4D4D3

 D4DCE9

 D4E4FE

Harmonies

Analogous

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



F5875D



D49A3F



A6AB3E

Triad

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



D49A3F



00BEC0



CB8CEB

Complementary

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



D49A3F



3F79D4

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.



7FA0FF



D49A3F



00BAED

Square

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



D49A3F



00BC8C



00B1FF



F67BBE

Rectangle

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



D49A3F



81B34F



00B1FF



B693F6

Sweetspot

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



D49A3F



FFEAC9



D43F7B



807360



000000



808080

Same Dimension

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



D49A3F



FFAC29



C5D43F



6B6760



AB6800



2B1A00

Inverse Universe

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



3F79D4



297CFF



4E3FD4



60656B



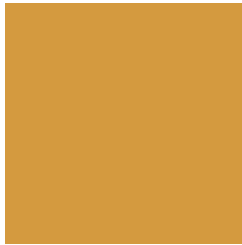
0043AB



00112B

Previews

White Background



This preview shows how the Hex color D49A3F looks on a white background.

Color Contrast Check

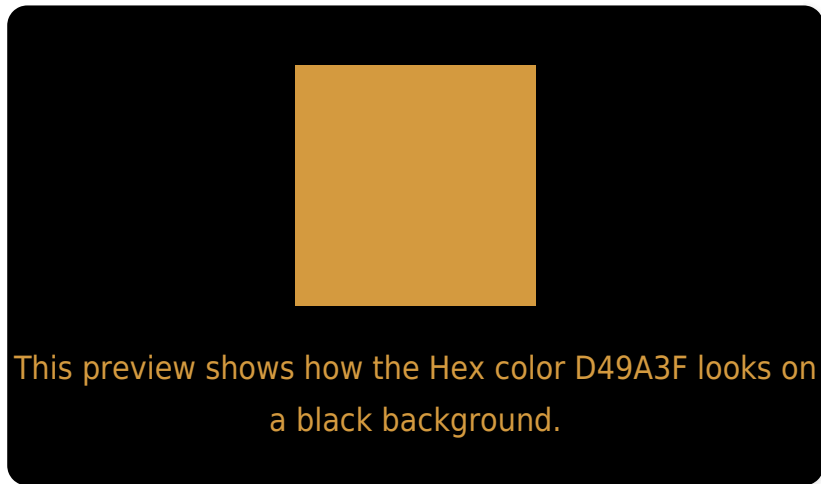
Large Text (above 18pt) WCAG AA × Fail

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

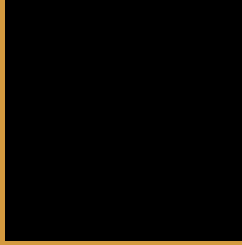
Any Text WCAG AA ✓ Pass

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 D49A3F Background



This preview shows how black text looks on a background with the Hex color D49A3F.

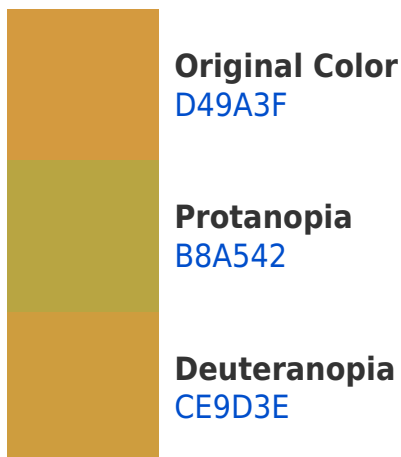


This preview shows how white text looks on a background with the Hex color D49A3F.

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](#).

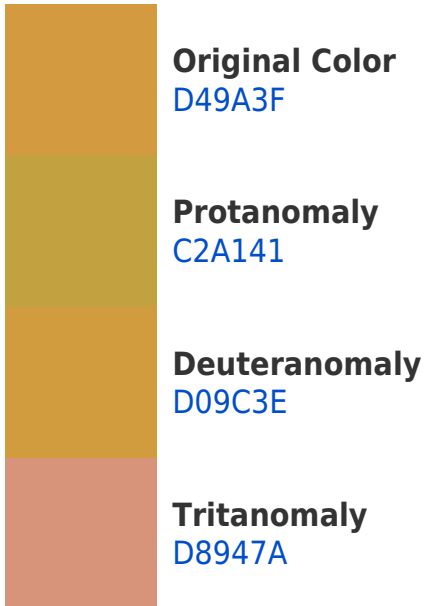
Dichromacy



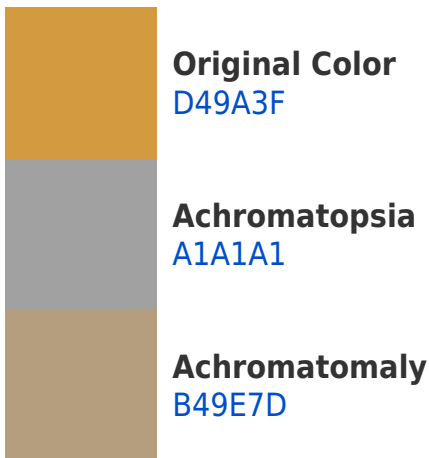


Tritanopia
DA909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D49A3F 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 #D49A3F looks like.

```
.text, #text, p{  
    color:#D49A3F  
}
```

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 #D49A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49A3F
}
```

Border

The CSS property to change the border of an element to Hex D49A3F 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
#D49A3F }
```

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

```
.border{ border-color:#D49A3F }
```

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

Here you see how a box with a 4 pixel #D49A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49A3F; -webkit-box-shadow:4px 4px  
4px 4px #D49A3F; box-shadow:4px 4px 4px  
4px #D49A3F }
```

Background

The CSS property to change the background color of an element to Hex D49A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49A3F }
```

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

```
.background{ background-color:#D49A3F }
```

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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