

Converting Colors

Hex(D49D46)

Have a look what the booklet for
Hex(D49D46) contains.

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Color

Hex(D49D46)

Conversions

Conversions Part 1

Format	Color
Hex	D49D46
RGB	212, 157, 70
RGB Percent	83%, 62%, 27%
CMY	0.1686, 0.3843, 0.7255
CMYK	0.00, 0.26, 0.67, 0.17
HSL	37°, 62%, 55%
HSV	37°, 67%, 83%
XYZ	40.3138, 38.5532, 11.1111
YIQ	163.5270, 60.7070, -15.3970

Conversions

Conversions Part 2

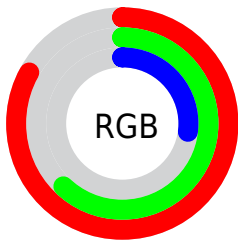
Format	Color
RYB	160, 212, 70
Decimal	13933894
CIELab	68.43, 11.77, 52.10
CIElCh	68, 53.414, 77.276
Yxy	38.5532, 0.4480, 0.4285
Android (android.graphics.Color)	4292123974 (0xFFD49D46)
YUV	163.5270, -46.1088, 42.5108
Hunter-Lab	62.0912, 7.2347, 32.8540

Details

The Hex color **D49D46** 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 **467DD4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD37A**, and **996A0F** is the 20% darker color. If you saturate the color by 10%, you get **D49531**, and if you desaturate by 10%, it is **D4A55B**.

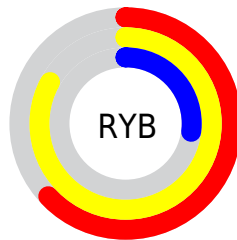
Distribution



Red (83%)

Green (62%)

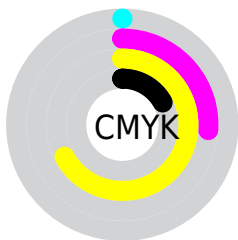
Blue (27%)



Red (63%)

Yellow (83%)

Blue (27%)

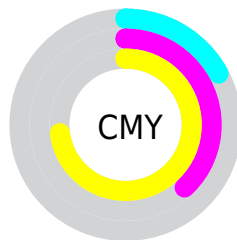


Cyan (0%)

Magenta (26%)

Yellow (67%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49D46 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 D49D46 by changing the saturation by 10% instead.

 D49D46

 D49D46

FFFFFF

 B6832C

 FFD37A

 996A0F

 FFF095

 7D5200

 FFFFB0

 613B00

 FFFFCC

 462500

 FFFFEE

 2C1100

 0D0000

 000000

 D49D46

 D49D46

 D49531

 D4A55B

 D48D1C

 D4AD70

 D48406

 D4B686

 D48200

 D4BE9B

 D4C6B0

 D4CEC5

 D4D6DA

 D4DFF0

 D4E7FF

Harmonies

Analogous

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



F48B62



D49D46



A7AD46

Triad

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



D49D46



00BFC2



CE8FE9

Complementary

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



D49D46



467DD4

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.



87A2FF



D49D46



00BBED

Square

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



D49D46



00BE90



00B2FF



F580BE

Rectangle

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



D49D46



84B557



00B2FF



BA95F4

Sweetspot

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



D49D46



FFEBCB



D4467F



807461



000000



808080

Same Dimension

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



D49D46



FFB033



C6D446



6B6760



AB6900



2B1B00

Inverse Universe

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



467DD4



3382FF



5446D4



60656B



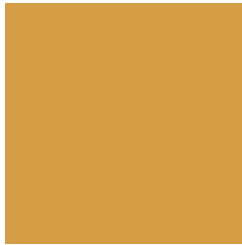
0042AB



00112B

Previews

White Background



This preview shows how the Hex color D49D46 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 D49D46 Background



This preview shows how black text looks on a background with the Hex color D49D46.



This preview shows how white text looks on a background with the Hex color D49D46.

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
D49D46

Protanopia
BAA749

Deuteranopia
D09F45



Tritanopia
DA949F

Trichromacy



Original Color
D49D46

Protanomaly
C3A348

Deuteranomaly
D19E45

Tritanomaly
D8977F

Monochromacy



Original Color
D49D46

Achromatopsia
A4A4A4

Achromatomaly
B5A182

CSS Examples

Text

The CSS property to change the color of the text to Hex D49D46 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 #D49D46 looks like.

```
.text, #text, p{  
    color:#D49D46  
}
```

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 #D49D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49D46
}
```

Border

The CSS property to change the border of an element to Hex D49D46 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
#D49D46 }
```

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

```
.border{ border-color:#D49D46 }
```

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

Here you see how a box with a 4 pixel #D49D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49D46; -webkit-box-shadow:4px 4px  
4px 4px #D49D46; box-shadow:4px 4px 4px  
4px #D49D46 }
```

Background

The CSS property to change the background color of an element to Hex D49D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49D46 }
```

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

```
.background{ background-color:#D49D46 }
```

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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