

Converting Colors

Hex(D9A74A)

Have a look what the booklet for
Hex(D9A74A) contains.

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Color

Hex(D9A74A)

Conversions

Conversions Part 1

Format	Color
Hex	D9A74A
RGB	217, 167, 74
RGB Percent	85%, 65%, 29%
CMY	0.1490, 0.3451, 0.7098
CMYK	0.00, 0.23, 0.66, 0.15
HSL	39°, 65%, 57%
HSV	39°, 66%, 85%
XYZ	43.6700, 42.8836, 12.4543
YIQ	171.3480, 59.6530, -18.3230

Conversions

Conversions Part 2

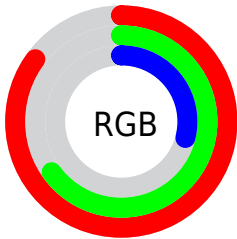
Format	Color
RYB	151, 217, 74
Decimal	14264138
CIELab	71.48, 8.77, 53.74
CIELCh	71, 54.447, 80.732
Yxy	42.8836, 0.4411, 0.4331
Android (android.graphics.Color)	4292454218 (0xFFD9A74A)
YUV	171.3480, -47.9926, 40.0368
Hunter-Lab	65.4855, 4.4357, 34.5639

Details

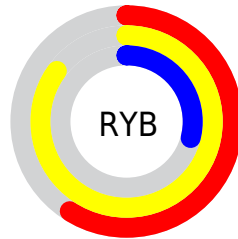
The Hex color **D9A74A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4A7CD9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDE7E**, and **9E7313** is the 20% darker color. If you saturate the color by 10%, you get **D99F34**, and if you desaturate by 10%, it is **D9AF60**.

Distribution



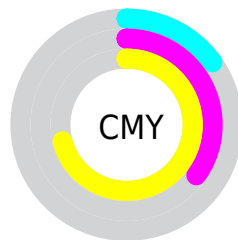
- Red (85%)
- Green (65%)
- Blue (29%)



- Red (59%)
- Yellow (85%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9A74A 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 D9A74A by changing the saturation by 10% instead.

 D9A74A

 D9A74A

FFFFFF

 BB8D30

 FFDE7E

 9E7313

 FFFA99

 825B00

 FFFFB5

 664400

 FFFFD1

 4B2E00

 FFFFEE

 311900

 190000

 000000

 D9A74A

 D9A74A

 D99F34

 D9AF60

 D9981F

 D9B675

 D99009

 D9BE8B

 D98D00

 D9C5A1

 D9CDB6

 D9D5CC

 D9DCE2

 D9E4F8

 D9EBFF

Harmonies

Analogous

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



FC9464



D9A74A



AAB74E

Triad

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



D9A74A



00C8D1



DD94EE

Complementary

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



D9A74A



4A7CD9

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.



99A8FF



D9A74A



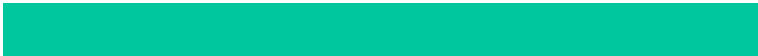
00C3FB

Square

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



D9A74A



00C79D



00B9FF



FF86C1

Rectangle

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



D9A74A



85BF61



00B9FF



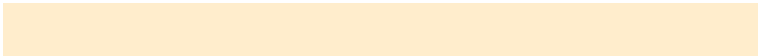
CA9BFB

Sweetspot

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



D9A74A



FFEDCC



D94A7C



807561



000000



808080

Same Dimension

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



D9A74A



FFB936



C4D94A



6E6A63



AD7100



2E1E00

Inverse Universe

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



4A7CD9



367CFF



5F4AD9



63676E



003DAD



00102E

Previews

White Background



This preview shows how the Hex color D9A74A looks on a white background.

Color Contrast Check

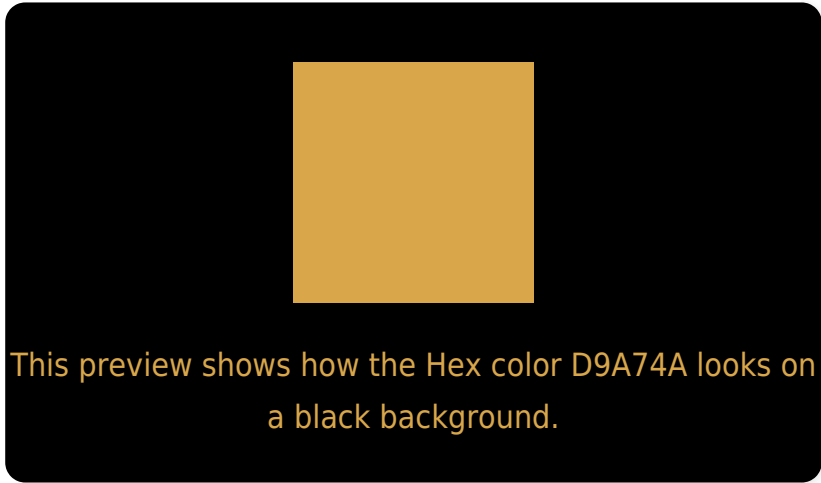
Large Text (above 18pt) WCAG AA × Fail

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 D9A74A Background



This preview shows how black text looks on a background with the Hex color D9A74A.



This preview shows how white text looks on a background with the Hex color D9A74A.

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
D9A74A

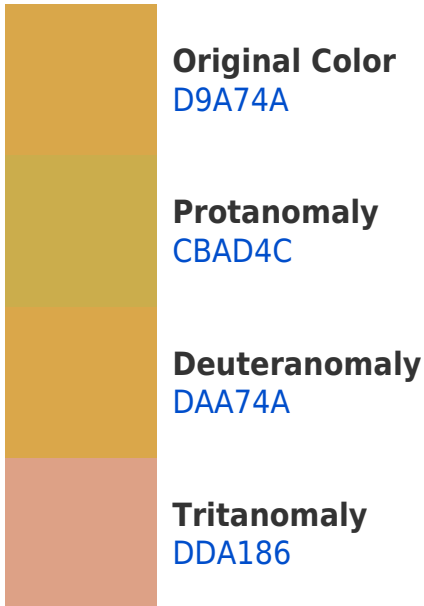
Protanopia
C3B04D

Deuteranopia
DAA74A

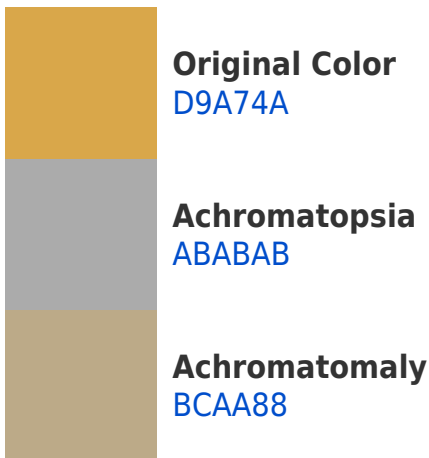


Tritanopia
E09DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9A74A 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 #D9A74A looks like.

```
.text, #text, p{  
    color:#D9A74A  
}
```

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 #D9A74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A74A
}
```

Border

The CSS property to change the border of an element to Hex D9A74A 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
#D9A74A }
```

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

```
.border{ border-color:#D9A74A }
```

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

Here you see how a box with a 4 pixel #D9A74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A74A; -webkit-box-shadow:4px 4px  
4px 4px #D9A74A; box-shadow:4px 4px 4px  
4px #D9A74A }
```

Background

The CSS property to change the background color of an element to Hex D9A74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A74A }
```

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

```
.background{ background-color:#D9A74A }
```

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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