

# Converting Colors

Hex(D4A84D)

Have a look what the booklet for  
Hex(D4A84D) contains.

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# **Color**

**Hex(D4A84D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A84D
RGB	212, 168, 77
RGB Percent	83%, 66%, 30%
CMY	0.1686, 0.3412, 0.6980
CMYK	0.00, 0.21, 0.64, 0.17
HSL	40°, 61%, 57%
HSV	40°, 64%, 83%
XYZ	42.4936, 42.5381, 12.9922
YIQ	170.7820, 55.4350, -18.9730

# Conversions

## Conversions Part 2

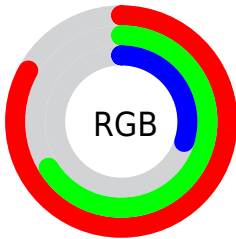
Format	Color
<a href="#">RYB</a>	<a href="#">142, 212, 77</a>
Decimal	<a href="#">13936717</a>
CIELab	<a href="#">71.24, 6.29, 51.95</a>
CIELCh	<a href="#">71, 52.331, 83.099</a>
Yxy	<a href="#">42.5381, 0.4335, 0.4340</a>
Android (android.graphics.Color)	<a href="#">4292126797 (0xFFD4A84D)</a>
YUV	<a href="#">170.7820, -46.2345, 36.1482</a>
Hunter-Lab	<a href="#">65.2213, 2.1608, 33.8442</a>

# Details

The Hex color **D4A84D** 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 **4D79D4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDF81**, and **9A7418** is the 20% darker color. If you saturate the color by 10%, you get **D4A138**, and if you desaturate by 10%, it is **D4AF62**.

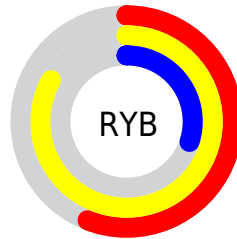
# Distribution



Red (83%)

Green (66%)

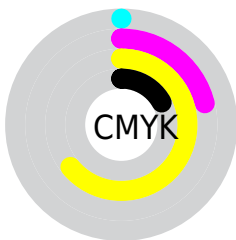
Blue (30%)



Red (56%)

Yellow (83%)

Blue (30%)

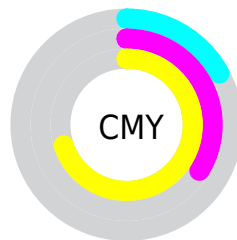


Cyan (0%)

Magenta (21%)

Yellow (64%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4A84D 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 D4A84D by changing the saturation by 10% instead.



 D4A84D

 D4A84D

FFFFFF

 B78E33

 FFDF81

 9A7418

 FFFB9C

 7E5C00

 FFFF88

 624400

 FFFFD4

 472F00

 FFFFF1

 2D1A00

 140000

 000000

 D4A84D

 D4A84D

 D4A138

 D4AF62

 D49A23

 D4B677

 D4930D

 D4BD8D

 D48F00

 D4C4A2

 D4CBB7

 D4D1CC

 D4D8E1

 D4DFF7

 D4E6FF

# Harmonies

## Analogous

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



F79663



D4A84D



A6B753

# Triad

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



D4A84D



00C6D2



DF94E8

# Complementary

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



D4A84D



4D79D4

# 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.



A0A6FF



D4A84D



00C2FA

# Square

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



D4A84D



00C6A1



30B7FF



FF87BC

# Rectangle

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



D4A84D



81BE66



30B7FF



CD9AF4



# Sweetspot

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



D4A84D



FFEFCF



D44D7A



807662



000000



808080



# Same Dimension

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



D4A84D



FFC03D



BDD44D



6B6860



AB7300



2B1D00



# Inverse Universe

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



4D79D4



3D7CFF



634DD4



60646B



0038AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D4A84D looks on a white background.

## Color Contrast Check

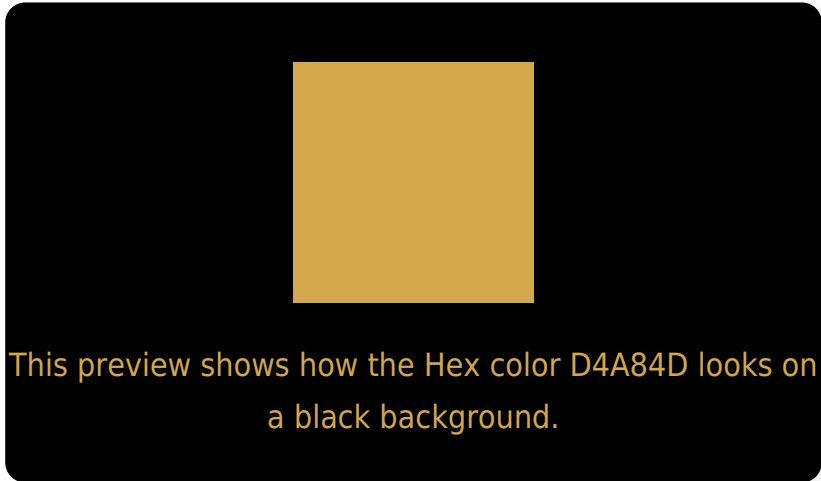
Large Text (above 18pt) WCAG AA × Fail

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 D4A84D Background



This preview shows how black text looks on a background with the Hex color D4A84D.



This preview shows how white text looks on a background with the Hex color D4A84D.

# 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**  
D4A84D

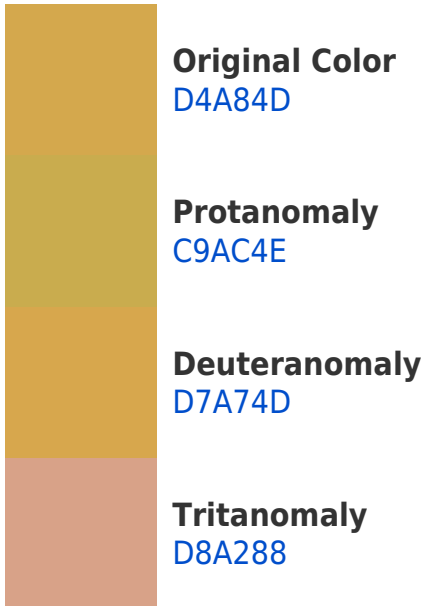
**Protanopia**  
C2AF4F

**Deuteranopia**  
D8A64D

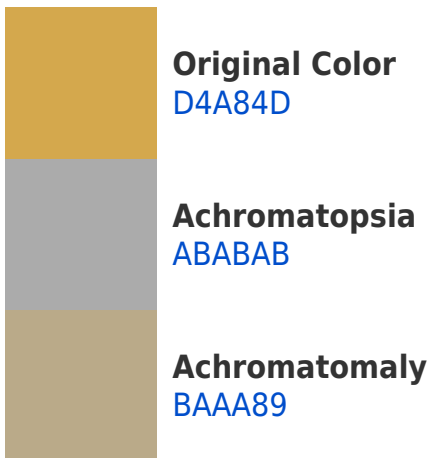


**Tritanopia**  
DB9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4A84D 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 #D4A84D looks like.

```
.text, #text, p{  
    color:#D4A84D  
}
```

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 #D4A84D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A84D
}
```

## Border

The CSS property to change the border of an element to Hex D4A84D 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
#D4A84D }
```

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

```
.border{ border-color:#D4A84D }
```

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

Here you see how a box with a 4 pixel #D4A84D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A84D; -webkit-box-shadow:4px 4px  
4px 4px #D4A84D; box-shadow:4px 4px 4px  
4px #D4A84D }
```

# Background

The CSS property to change the background color of an element to Hex D4A84D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A84D }
```

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

```
.background{ background-color:#D4A84D }
```

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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