

# Converting Colors

Hex(D4A304)

Have a look what the booklet for  
Hex(D4A304) contains.

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**Color**

**Hex(D4A304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A304
RGB	212, 163, 4
RGB Percent	83%, 64%, 2%
CMY	0.1686, 0.3608, 0.9843
CMYK	0.00, 0.23, 0.98, 0.17
HSL	46°, 96%, 42%
HSV	46°, 98%, 83%
XYZ	40.2705, 40.2002, 5.7518
YIQ	159.5250, 80.2430, -39.0610

# Conversions

## Conversions Part 2

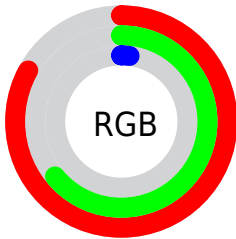
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 212, 4</a>
Decimal	<a href="#">13935364</a>
CIELab	<a href="#">69.61, 6.52, 72.56</a>
CIELCh	<a href="#">70, 72.856, 84.865</a>
Yxy	<a href="#">40.2002, 0.4671, 0.4662</a>
Android (android.graphics.Color)	<a href="#">4292125444 (0xFFD4A304)</a>
YUV	<a href="#">159.5250, -76.6738, 46.0206</a>
Hunter-Lab	<a href="#">63.4036, 2.4170, 39.0039</a>

# Details

The Hex color **D4A304** 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 **0435D4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFDA4E**, and **987000** is the 20% darker color. If you saturate the color by 10%, you get **D4A200**, and if you desaturate by 10%, it is **D4A819**.

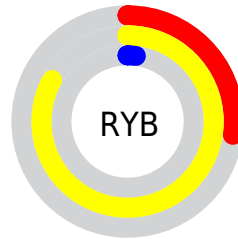
# Distribution



Red (83%)

Green (64%)

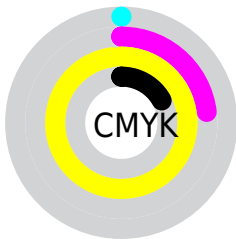
Blue (2%)



Red (27%)

Yellow (83%)

Blue (2%)

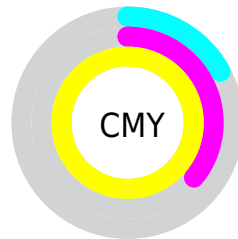


Cyan (0%)

Magenta (23%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (36%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4A304 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 D4A304 by changing the saturation by 10% instead.



 D4A304

 D4A304

FFFFFF

 B68900

 FFDA4E

 987000

 FFF66B

 7B5800

 FFFF86

 5E4100

 FFFFA3

 432B00

 FFFFBF

 2A1700

 FFFFDC

 0C0000

 FFFFFA

 000000

 D4A304

 D4A304

 D4A200

 D4A819

 D4AD2E

 D4B244

 D4B759

 D4BC6E

 D4C183

 D4C698

 D4CBAE

 D4D0C3

# Harmonies

## Analogous

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



FF883C



D4A304



95B71D

# Triad

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



D4A304



00C9E0



EF7FF7

# Complementary

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



D4A304



0435D4

# 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.



939DFF



D4A304



00C3FF

# Square

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



D4A304



00C89C



00B5FF



FF69B8

# Rectangle

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



D4A304



5EBF45



00B5FF



D789FF



# Sweetspot

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



D4A304



FFEEB5



D40438



807553



000000



808080



# Same Dimension

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



D4A304



FFC300



A0D404



6B6960



AB8300



2B2100



# Inverse Universe

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



0435D4



003CFF



3804D4



60636B



0028AB



000A2B



# Previews

## White Background



This preview shows how the Hex color D4A304 looks on a white background.

## Color Contrast Check

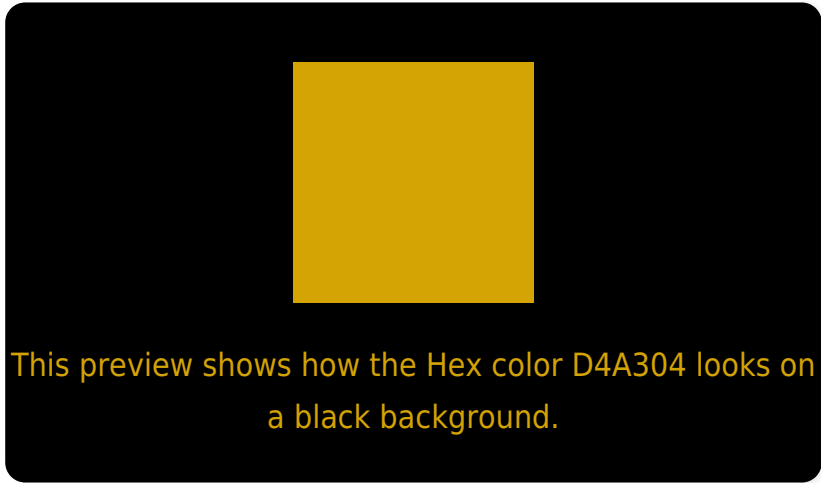
Large Text (above 18pt) WCAG AA × Fail

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 D4A304 Background



This preview shows how black text looks on a background with the Hex color D4A304.



This preview shows how white text looks on a background with the Hex color D4A304.

# 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**  
D4A304

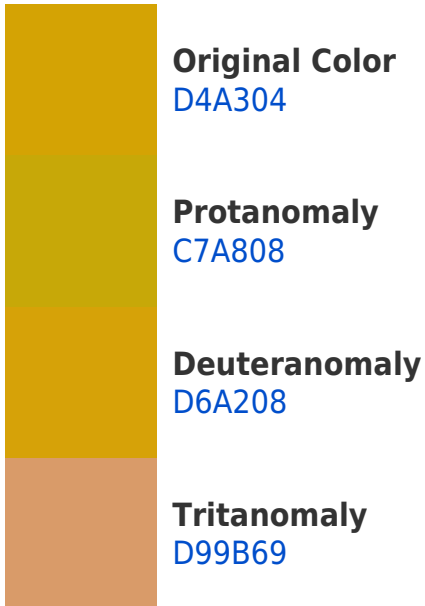
**Protanopia**  
C0AB0B

**Deuteranopia**  
D7A10A

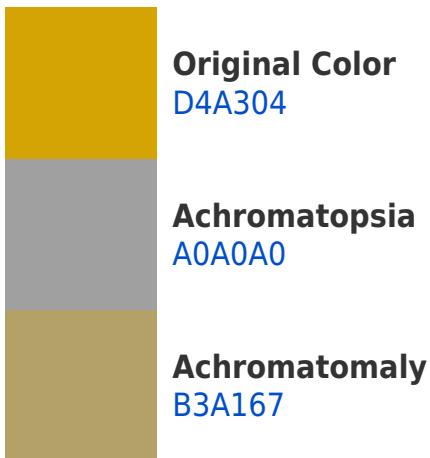


**Tritanopia**  
DC97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4A304 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 #D4A304 looks like.

```
.text, #text, p{  
    color:#D4A304  
}
```

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 #D4A304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A304
}
```

## Border

The CSS property to change the border of an element to Hex D4A304 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
#D4A304 }
```

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

```
.border{ border-color:#D4A304 }
```

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

Here you see how a box with a 4 pixel #D4A304 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A304; -webkit-box-shadow:4px 4px  
4px 4px #D4A304; box-shadow:4px 4px 4px  
4px #D4A304 }
```

# Background

The CSS property to change the background color of an element to Hex D4A304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A304 }
```

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

```
.background{ background-color:#D4A304 }
```

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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