

# Converting Colors

Hex(D7B36E)

Have a look what the booklet for  
Hex(D7B36E) contains.

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# **Color**

**Hex(D7B36E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7B36E
RGB	215, 179, 110
RGB Percent	84%, 70%, 43%
CMY	0.1569, 0.2980, 0.5686
CMYK	0.00, 0.17, 0.49, 0.16
HSL	39°, 57%, 64%
HSV	39°, 49%, 84%
XYZ	46.9589, 47.8131, 21.5057
YIQ	181.8980, 43.6050, -13.8270

# Conversions

## Conversions Part 2

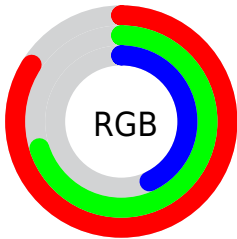
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 215, 110
Decimal	14136174
CIELab	74.71, 4.29, 39.92
CIELCh	75, 40.148, 83.859
Yxy	47.8131, 0.4039, 0.4112
Android (android.graphics.Color)	4292326254 (0xFFD7B36E)
YUV	181.8980, -35.4457, 29.0305
Hunter-Lab	69.1470, 0.2152, 29.9629

# Details

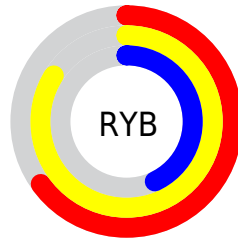
The Hex color **D7B36E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6E92D7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEBA3**, and **9E7E3C** is the 20% darker color. If you saturate the color by 10%, you get **D7AC59**, and if you desaturate by 10%, it is **D7BA84**.

# Distribution



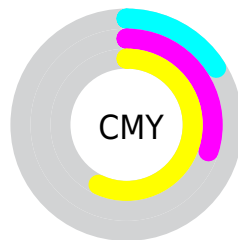
- Red (84%)
- Green (70%)
- Blue (43%)



- Red (65%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (16%)



- Cyan (16%)
- Magenta (30%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B36E 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 D7B36E by changing the saturation by 10% instead.



 D7B36E

 D7B36E

FFFFFF

 BA9855

 FFEBA3

 9E7E3C

 FFFFBE

 826624

 FFFFDA

 684E0A

 FFFFF7

 4E3700

 342200

 1C0D00

 000000

 D7B36E

 D7B36E

 D7AC59

 D7BA84

 D7A443

 D7C299

 D79D2E

 D7C9AF

 D79618

 D7D0C4

 D78E03

 D7D8DA

 D78D00

 D7DFEF

 D7E7FF

 D7EEFF

 D7F5FF

# Harmonies

## Analogous

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



F3A67D



D7B36E



B2BF73

# Triad

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



D7B36E



1CCBD4



DFA4E4

# Complementary

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



D7B36E



6E92D7

# 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.



B1B1FB



D7B36E



30C7F2

# Square

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



D7B36E



56CBAF



75BEFF



FA9CC1

# Rectangle

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



D7B36E



96C581



75BEFF



D2A8ED



# Sweetspot

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



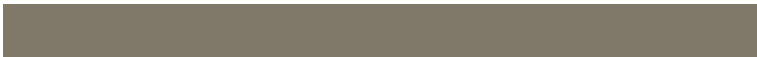
D7B36E



FFF2D9



D76E93



807869



000000



808080



# Same Dimension

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



D7B36E



FFCB69



C7D76E



6B6760



AB7000



2B1C00



# Inverse Universe

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



6E92D7



699CFF



7E6ED7



60646B



003BAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D7B36E 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 D7B36E Background



This preview shows how black text looks on a background with the Hex color D7B36E.



This preview shows how white text looks on a background with the Hex color D7B36E.

# 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**  
D7B36E

**Protanopia**  
C9B870

**Deuteranopia**  
DFB06F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B36E 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 #D7B36E looks like.

```
.text, #text, p{  
    color:#D7B36E  
}
```

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 #D7B36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B36E
}
```

## Border

The CSS property to change the border of an element to Hex D7B36E 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
#D7B36E }
```

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

```
.border{ border-color:#D7B36E }
```

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

Here you see how a box with a 4 pixel #D7B36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B36E; -webkit-box-shadow:4px 4px  
4px 4px #D7B36E; box-shadow:4px 4px 4px  
4px #D7B36E }
```

# Background

The CSS property to change the background color of an element to Hex D7B36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B36E }
```

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

```
.background{ background-color:#D7B36E }
```

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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