

Converting Colors

Hex(D7B466)

Have a look what the booklet for
Hex(D7B466) contains.

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Color

Hex(D7B466)

Conversions

Conversions Part 1

Format	Color
Hex	D7B466
RGB	215, 180, 102
RGB Percent	84%, 71%, 40%
CMY	0.1569, 0.2941, 0.6000
CMYK	0.00, 0.16, 0.53, 0.16
HSL	41°, 59%, 62%
HSV	41°, 53%, 84%
XYZ	46.7439, 48.0489, 19.3811
YIQ	181.5730, 45.8980, -16.8380

Conversions

Conversions Part 2

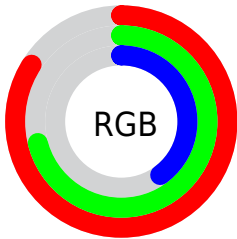
Format	Color
RYB	153, 215, 102
Decimal	14136422
CIELab	74.86, 3.05, 44.14
CIElCh	75, 44.249, 86.050
Yxy	48.0489, 0.4094, 0.4208
Android (android.graphics.Color)	4292326502 (0xFFD7B466)
YUV	181.5730, -39.2295, 29.3155
Hunter-Lab	69.3173, -0.9345, 31.9447

Details

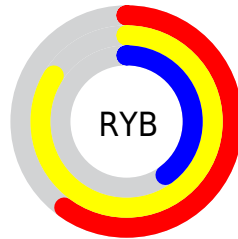
The Hex color **D7B466** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6689D7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEC9B**, and **9E7F34** is the 20% darker color. If you saturate the color by 10%, you get **D7AD51**, and if you desaturate by 10%, it is **D7BB7C**.

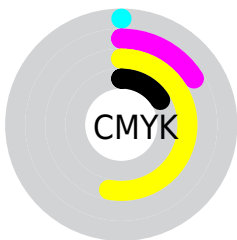
Distribution



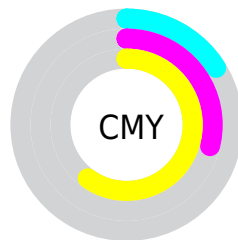
- Red (84%)
- Green (71%)
- Blue (40%)



- Red (60%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (53%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7B466 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 D7B466 by changing the saturation by 10% instead.

 D7B466

 D7B466

FFFFFF

 BA994D

 FFEC9B

 9E7F34

 FFFFB6

 82671B

 FFFF D2

 674F00

 FFFF EF

 4D3800

 332300

 1B0E00

 000000

 D7B466

 D7B466

 D7AD51

 D7BB7C

 D7A73B

 D7C191

 D7A025

 D7C8A7

 D79910

 D7CFBC

 D79400

 D7D5D2

 D7DCE7

 D7E3FC

 D7E9FF

 D7F0FF

Harmonies

Analogous

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



F6A676



D7B466



AEC16D

Triad

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



D7B466



00CDD8



E6A1E6

Complementary

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



D7B466



6689D7

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.



B4B0FF



D7B466



00C8FB

Square

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



D7B466



3FCDB1



6FBEFF



FF98BF

Rectangle

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



D7B466



8FC77E



6FB EFF



D8A6F1

Sweetspot

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



D7B466



FFF2D6



D7668A



807867



000000



808080

Same Dimension

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



D7B466



FFCD5E



C2D766



6B6860



AB7600



2B1E00

Inverse Universe

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



6689D7



5E90FF



7B66D7



60646B



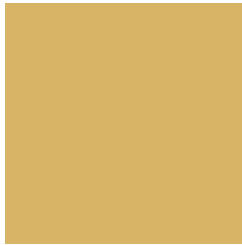
0035AB



000D2B

Previews

White Background



This preview shows how the Hex color D7B466 looks on a white background.

Color Contrast Check

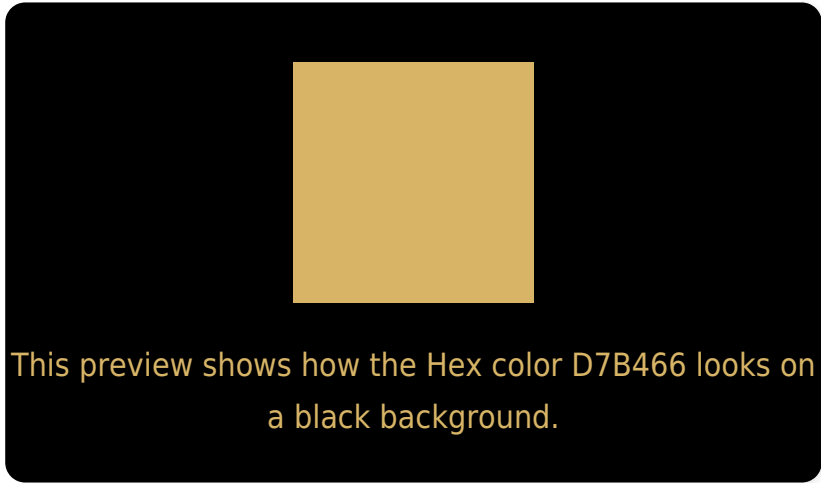
Large Text (above 18pt) WCAG AA × Fail

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 D7B466 Background



This preview shows how black text looks on a background with the Hex color D7B466.



This preview shows how white text looks on a background with the Hex color D7B466.

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

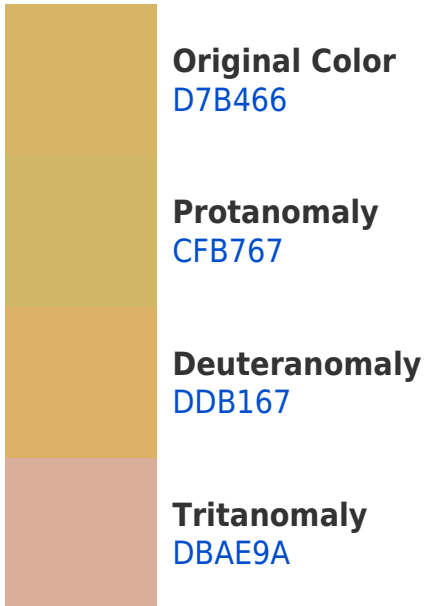


Original Color
D7B466

Protanopia
CBB968

Deuteranopia
E1B067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7B466 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 #D7B466 looks like.

```
.text, #text, p{  
    color:#D7B466  
}
```

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 #D7B466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B466
}
```

Border

The CSS property to change the border of an element to Hex D7B466 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
#D7B466 }
```

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

```
.border{ border-color:#D7B466 }
```

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

Here you see how a box with a 4 pixel #D7B466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B466; -webkit-box-shadow:4px 4px  
4px 4px #D7B466; box-shadow:4px 4px 4px  
4px #D7B466 }
```

Background

The CSS property to change the background color of an element to Hex D7B466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B466 }
```

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

```
.background{ background-color:#D7B466 }
```

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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