

# Converting Colors

Hex(D7B66F)

Have a look what the booklet for  
Hex(D7B66F) contains.

<b>Hex(D7B66F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D7B66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7B66F
RGB	215, 182, 111
RGB Percent	84%, 71%, 44%
CMY	0.1569, 0.2863, 0.5647
CMYK	0.00, 0.15, 0.48, 0.16
HSL	41°, 57%, 64%
HSV	41°, 48%, 84%
XYZ	47.6215, 49.0507, 21.9967
YIQ	183.7730, 42.4590, -15.0850

# Conversions

## Conversions Part 2

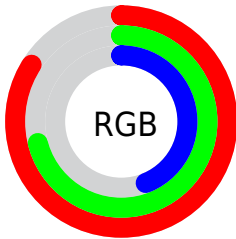
Format	Color
<b>RYB</b>	159, 215, 111
Decimal	14136943
CIELab	75.48, 2.80, 40.38
CIELCh	75, 40.473, 86.032
Yxy	49.0507, 0.4013, 0.4133
Android (android.graphics.Color)	4292327023 (0xFFD7B66F)
YUV	183.7730, -35.8771, 27.3861
Hunter-Lab	70.0362, -1.1912, 30.4037

# Details

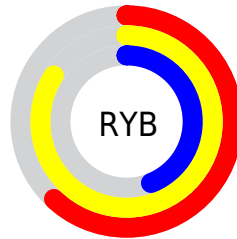
The Hex color **D7B66F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6F90D7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEEA4**, and **9E813D** is the 20% darker color. If you saturate the color by 10%, you get **D7AF5A**, and if you desaturate by 10%, it is **D7BD85**.

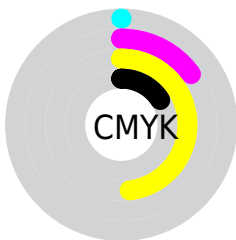
# Distribution



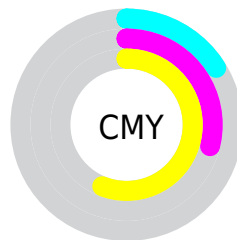
- Red (84%)
- Green (71%)
- Blue (44%)



- Red (62%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B66F 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 D7B66F by changing the saturation by 10% instead.



 D7B66F

 D7B66F

FFFFFF

 BA9B56

 FFEEA4

 9E813D

 FFFFBF

 836825

 FFFFDB

 68500B

 FFFFF8

 4E3A00

 342400

 1C1000

 000000

 D7B66F

 D7B66F

 D7AF5A

 D7BD85

 D7A844

 D7C49A

 D7A22E

 D7CAB0

 D79B19

 D7D1C5

 D79404

 D7D8DB

 D79300

 D7DFF0

 D7E6FF

 D7EDFF

 D7F3FF

# Harmonies

## Analogous

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



F4A97D



D7B66F



B1C276

# Triad

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



D7B66F



18CDD9



E4A5E4

# Complementary

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



D7B66F



6F90D7

# 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.



B7B2FD



D7B66F



36C9F7

# Square

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



D7B66F



53CEB4



7BBFFF



FE9DC0

# Rectangle

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



D7B66F



94C785



7BBFFF



D7A9EE



# Sweetspot

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



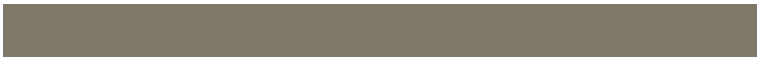
D7B66F



FFF3D9



D76F92



807869



000000



808080



# Same Dimension

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



D7B66F



FFD06B



C6D76F



6B6860



AB7500



2B1E00



# Inverse Universe

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



6F90D7



6B9AFF



806FD7



60646B



0036AB

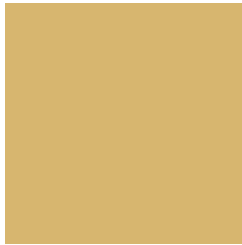


000E2B



# Previews

## White Background



This preview shows how the Hex color D7B66F looks on a white background.

## Color Contrast Check

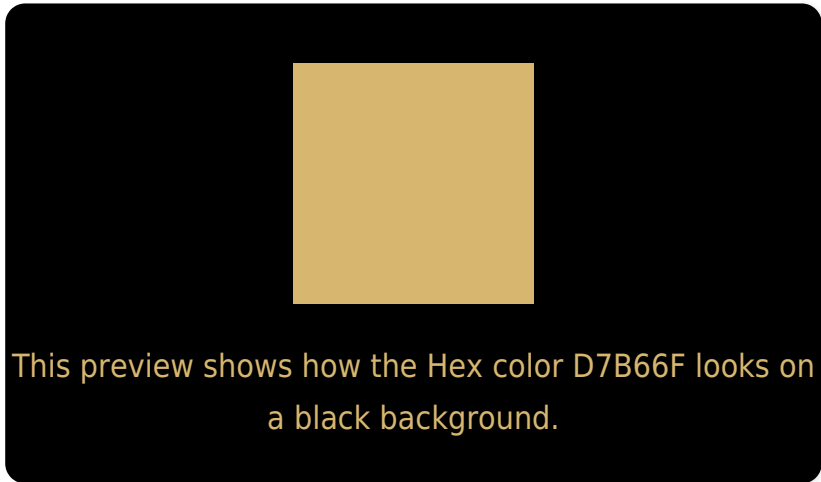
Large Text (above 18pt) WCAG AA × Fail

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 D7B66F Background



This preview shows how black text looks on a background with the Hex color D7B66F.

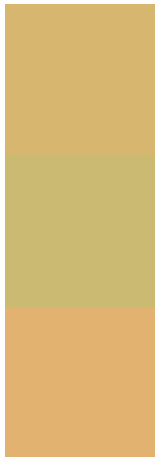


This preview shows how white text looks on a background with the Hex color D7B66F.

# 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**  
D7B66F

**Protanopia**  
CBBA71

**Deuteranopia**  
E2B270



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B66F 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 #D7B66F looks like.

```
.text, #text, p{  
    color:#D7B66F  
}
```

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 #D7B66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B66F
}
```

## Border

The CSS property to change the border of an element to Hex D7B66F 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
#D7B66F }
```

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

```
.border{ border-color:#D7B66F }
```

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

Here you see how a box with a 4 pixel #D7B66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B66F; -webkit-box-shadow:4px 4px  
4px 4px #D7B66F; box-shadow:4px 4px 4px  
4px #D7B66F }
```

# Background

The CSS property to change the background color of an element to Hex D7B66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B66F }
```

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

```
.background{ background-color:#D7B66F }
```

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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