

# Converting Colors

Hex(D0D47B)

Have a look what the booklet for  
Hex(D0D47B) contains.

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# **Color**

**Hex(D0D47B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D47B
RGB	208, 212, 123
RGB Percent	82%, 83%, 48%
CMY	0.1843, 0.1686, 0.5176
CMYK	0.02, 0.00, 0.42, 0.17
HSL	63°, 51%, 66%
HSV	63°, 42%, 83%
XYZ	53.1311, 61.9269, 27.8917
YIQ	200.6580, 26.1850, -28.5270

# Conversions

## Conversions Part 2

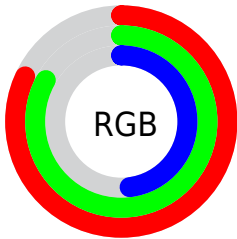
Format	Color
<a href="#">RYB</a>	<a href="#">123, 212, 127</a>
Decimal	<a href="#">13685883</a>
CIELab	<a href="#">82.87, -14.30, 43.45</a>
CIELCh	<a href="#">83, 45.747, 108.216</a>
Yxy	<a href="#">61.9269, 0.3717, 0.4332</a>
Android (android.graphics.Color)	<a href="#">4291875963</a> ( <a href="#">0xFFD0D47B</a> )
YUV	<a href="#">200.6580, -38.2854, 6.4389</a>
Hunter-Lab	<a href="#">78.6937, -17.1973, 34.0712</a>

# Details

The Hex color **D0D47B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7F7BD4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFB1**, and **989E48** is the 20% darker color. If you saturate the color by 10%, you get **CFD466**, and if you desaturate by 10%, it is **D1D490**.

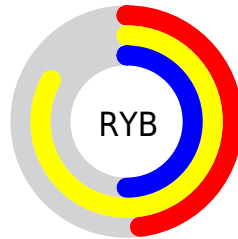
# Distribution



Red (82%)

Green (83%)

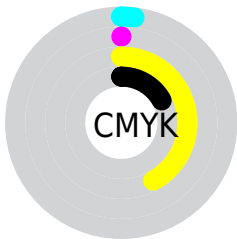
Blue (48%)



Red (48%)

Yellow (83%)

Blue (50%)

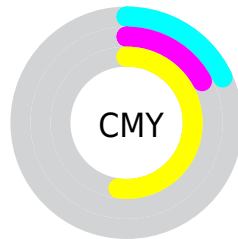


Cyan (2%)

Magenta (0%)

Yellow (42%)

Black (17%)



Cyan (18%)

Magenta (17%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D47B 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 D0D47B by changing the saturation by 10% instead.



 D0D47B

FFFFFF

 FFFFB1

 FFFFCB

 FFFFEB

 D0D47B

 B4B861

 989E48

 7D832F

 636A15

 495200

 313B00

 182600

 001200

 000000

 D0D47B

 D0D47B

 CFD466

 D1D490

 CED451

 D2D4A5

 CDD43B

 D3D4BB

 CCD426

 D4D4D0

 CBD411

 D5D4E5

 CAD400

 D6D4FA

 D7D4FF

 D8D4FF

 D9D4FF

# Harmonies

## Analogous

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



F9C67A



D0D47B



9FDE93

# Triad

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



D0D47B



00E1FF



FFAEE1

# Complementary

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



D0D47B



7F7BD4

# 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.



F3BAFF



D0D47B



6ED8FF

# Square

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



D0D47B



05E5E8



BAC9FF



FFADB6

# Rectangle

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



D0D47B



7AE3AD



BAC9FF



FFB1EF



# Sweetspot

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



D0D47B



FEFFDE



D47E7B



7F806B



000000



808080



# Same Dimension

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



D0D47B



F9FF80



A5D47B



6B6B60



A3AB00



292B00



# Inverse Universe

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



7F7BD4



8580FF



AA7BD4



61606B



0800AB



02002B



# Previews

## White Background



This preview shows how the Hex color D0D47B looks on a white background.

## Color Contrast Check

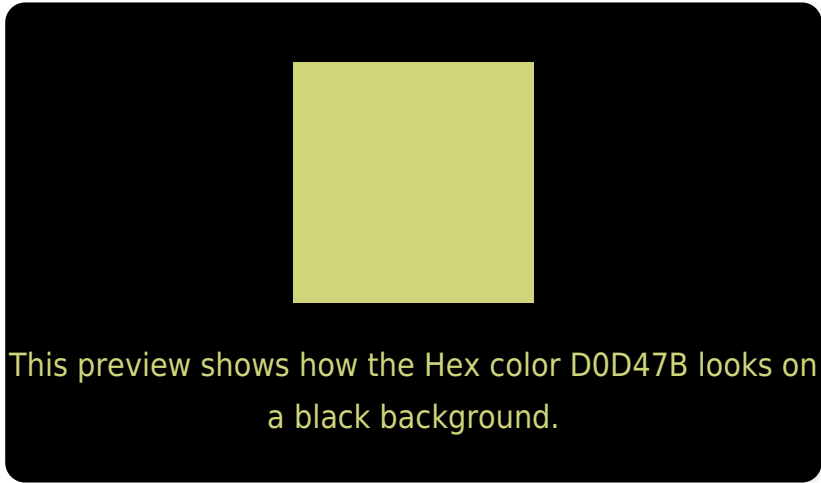
Large Text (above 18pt) WCAG AA × Fail

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

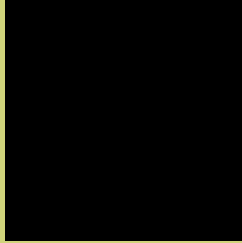
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0D47B Background



This preview shows how black text looks on a background with the Hex color D0D47B.

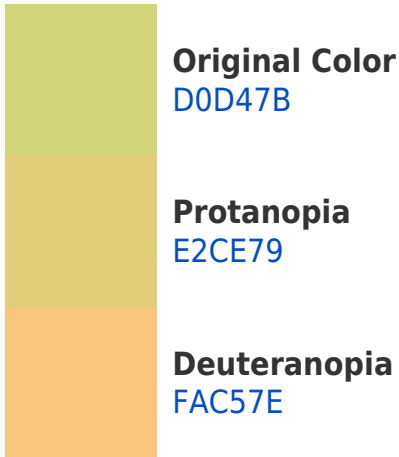


This preview shows how white text looks on a background with the Hex color D0D47B.

# 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](#).

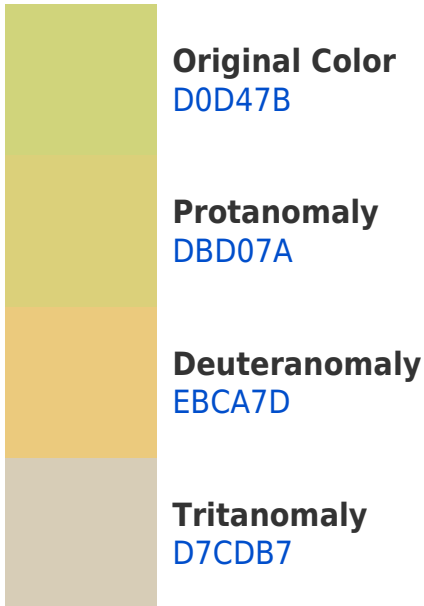
## Dichromacy



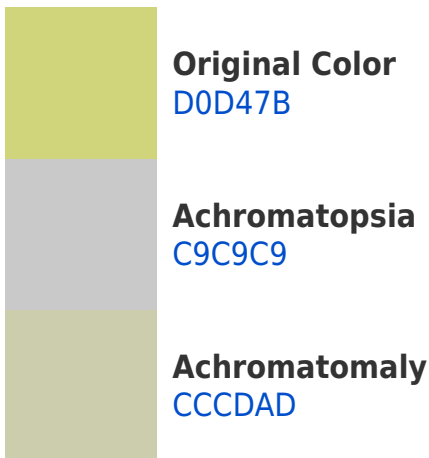


**Tritanopia**  
DBC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D47B 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 #D0D47B looks like.

```
.text, #text, p{  
    color:#D0D47B  
}
```

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 #D0D47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D47B
}
```

## Border

The CSS property to change the border of an element to Hex D0D47B 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
#D0D47B }
```

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

```
.border{ border-color:#D0D47B }
```

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

Here you see how a box with a 4 pixel #D0D47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D47B; -webkit-box-shadow:4px 4px  
4px 4px #D0D47B; box-shadow:4px 4px 4px  
4px #D0D47B }
```

# Background

The CSS property to change the background color of an element to Hex D0D47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D47B }
```

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

```
.background{ background-color:#D0D47B }
```

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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