

# Converting Colors

Hex(D0D480)

Have a look what the booklet for  
Hex(D0D480) contains.

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# **Color**

**Hex(D0D480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D480
RGB	208, 212, 128
RGB Percent	82%, 83%, 50%
CMY	0.1843, 0.1686, 0.4980
CMYK	0.02, 0.00, 0.40, 0.17
HSL	63°, 49%, 67%
HSV	63°, 40%, 83%
XYZ	53.4522, 62.0554, 29.5827
YIQ	201.2280, 24.5800, -26.9720

# Conversions

## Conversions Part 2

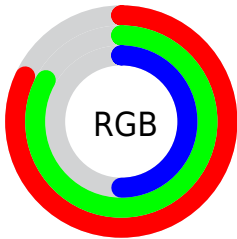
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 212, 132
Decimal	13685888
CIE <sub>Lab</sub>	82.94, -13.77, 41.06
CIE <sub>LCh</sub>	83, 43.302, 108.538
Yxy	62.0554, 0.3684, 0.4277
Android (android.graphics.Color)	4291875968 (0xFFD0D480)
YUV	201.2280, -36.1014, 5.9390
Hunter-Lab	78.7752, -16.7372, 32.8773

# Details

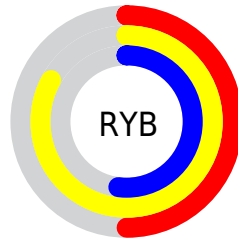
The Hex color **D0D480** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8480D4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFB6**, and **989E4D** is the 20% darker color. If you saturate the color by 10%, you get **CFD46B**, and if you desaturate by 10%, it is **D1D495**.

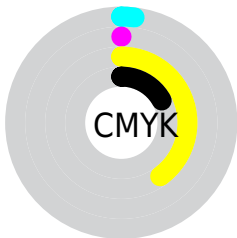
# Distribution



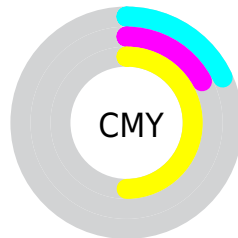
- Red (82%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D480 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 D0D480 by changing the saturation by 10% instead.



 D0D480

 D0D480

FFFFFF

 B4B866

 FFFFB6

 989E4D

 FFFFD2

 7D8334

 FFFFEF

 636A1B

 4A5200

 323B00

 192600

 001200

 000000

 D0D480

 D0D480

 CFD46B

 D1D495

 CED456

 D2D4AA

 CDD440

 D3D4C0

 CCD42B

 D4D4D5

 CBD416

 D5D4EA

 CAD401

 D6D4FF

 CAD400

 D7D4FF

 D8D4FF

 D9D4FF

# Harmonies

## Analogous

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



F7C77F



D0D480



A2DE97

# Triad

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



D0D480



30E0FF



FFB1E0

# Complementary

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



D0D480



8480D4

# 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.



F2BBFF



D0D480



78D7FF

# Square

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



D0D480



32E4E7



BCCAFF



FFB0B7

# Rectangle

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



D0D480



7FE2AF



BCCAFF



FFB3ED



# Sweetspot

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



D0D480



FEFFE0



D48380



7F806E



000000



808080



# Same Dimension

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



D0D480



F9FF85



A7D480



6B6B60



A3AB00



292B00



# Inverse Universe

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



8480D4



8A85FF



AD80D4



61606B



0800AB

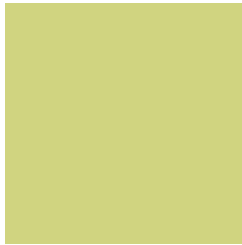


02002B



# Previews

## White Background



This preview shows how the Hex color D0D480 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



This preview shows how the Hex color D0D480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

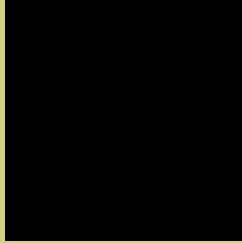
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0D480 Background



This preview shows how black text looks on a background with the Hex color D0D480.

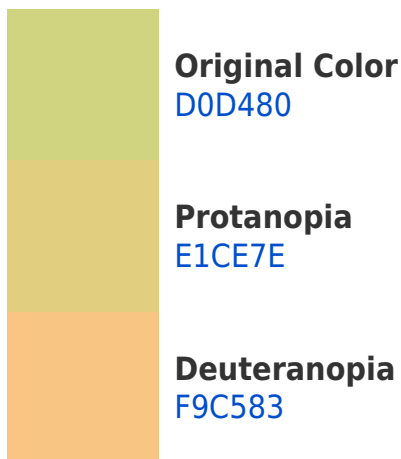


This preview shows how white text looks on a background with the Hex color D0D480.

# 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](#).

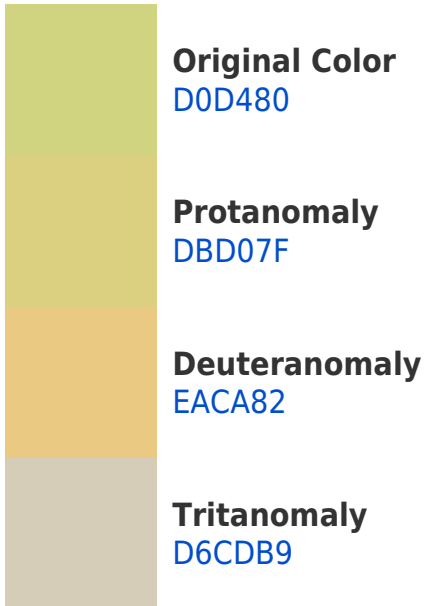
## Dichromacy



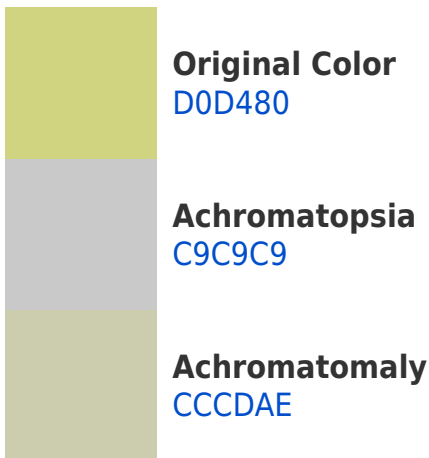


**Tritanopia**  
DAC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D480 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 #D0D480 looks like.

```
.text, #text, p{  
    color:#D0D480  
}
```

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 #D0D480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D480
}
```

## Border

The CSS property to change the border of an element to Hex D0D480 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
#D0D480 }
```

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

```
.border{ border-color:#D0D480 }
```

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

Here you see how a box with a 4 pixel #D0D480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D480; -webkit-box-shadow:4px 4px  
4px 4px #D0D480; box-shadow:4px 4px 4px  
4px #D0D480 }
```

# Background

The CSS property to change the background color of an element to Hex D0D480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D480 }
```

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

```
.background{ background-color:#D0D480 }
```

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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