

# Converting Colors

Hex(D0D34D)

Have a look what the booklet for  
Hex(D0D34D) contains.

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**Color**

**Hex(D0D34D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D34D
RGB	208, 211, 77
RGB Percent	82%, 83%, 30%
CMY	0.1843, 0.1725, 0.6980
CMYK	0.01, 0.00, 0.64, 0.17
HSL	61°, 60%, 56%
HSV	61°, 64%, 83%
XYZ	50.6462, 60.5342, 16.0361
YIQ	194.8270, 41.2260, -42.3100

# Conversions

## Conversions Part 2

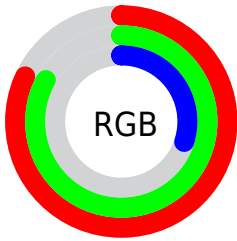
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 211, 80
Decimal	13685581
CIELab	82.13, -17.61, 63.57
CIELCh	82, 65.959, 105.481
Yxy	60.5342, 0.3981, 0.4758
Android (android.graphics.Color)	4291875661 (0xFFD0D34D)
YUV	194.8270, -58.0887, 11.5527
Hunter-Lab	77.8038, -19.9623, 42.2424

# Details

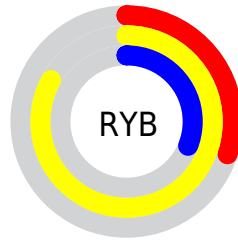
The Hex color **D0D34D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **504DD3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF84**, and **969D0B** is the 20% darker color. If you saturate the color by 10%, you get **D0D338**, and if you desaturate by 10%, it is **D0D362**.

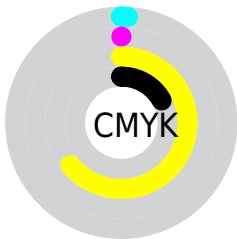
# Distribution



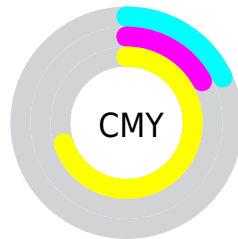
- Red (82%)
- Green (83%)
- Blue (30%)



- Red (30%)
- Yellow (83%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (64%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D34D 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 D0D34D by changing the saturation by 10% instead.



 D0D34D

 D0D34D

FFFFFF

 B3B730

 FFFF84

 969D0B

 FFFFA0

 7A8300

 FFFFBC


 5F6A00

 FFFFD9

 455200

 FFFFF6

 2A3B00

 112500

 000E00

 000000

 D0D34D

 D0D34D

 D0D338

 D0D362

 CFD323

 D1D377

 CFD30E

 D1D38C

 CED300

 D2D3A1

 D2D3B7

 D3D3CC

 D3D3E1

 D4D3F6

 D4D3FF

# Harmonies

## Analogous

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



FFBE50



D0D34D



8AE171

# Triad

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



D0D34D



00E7FF



FF9AED

# Complementary

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



D0D34D



504DD3

# 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.



F9AFFF



D0D34D



00DCFF

# Square

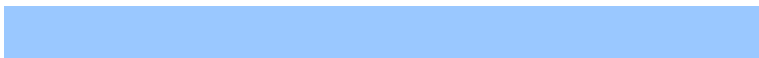
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0D34D



00EBEB



9AC8FF



FF96AF

# Rectangle

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



D0D34D



42E796



9AC8FF



FF9FFF



# Sweetspot

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



D0D34D



FEFFCF



D34F4D



7F8062



000000



808080



# Same Dimension

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



D0D34D



FBFF3D



8ED34D



68695E



A5A800



282900



# Inverse Universe

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



504DD3



423DFF



924DD3



5E5E69



0400A8



010029



# Previews

## White Background



This preview shows how the Hex color D0D34D looks on a white background.

## Color Contrast Check

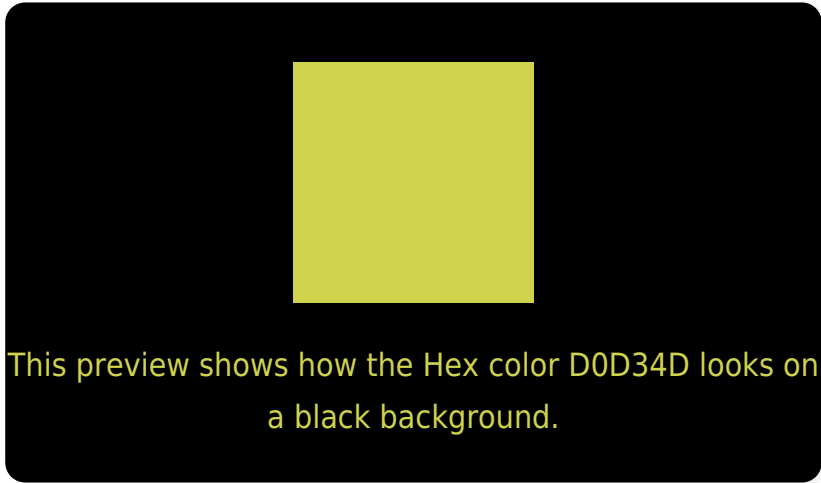
Large Text (above 18pt) WCAG AA × Fail

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 D0D34D Background



This preview shows how black text looks on a background with the Hex color D0D34D.

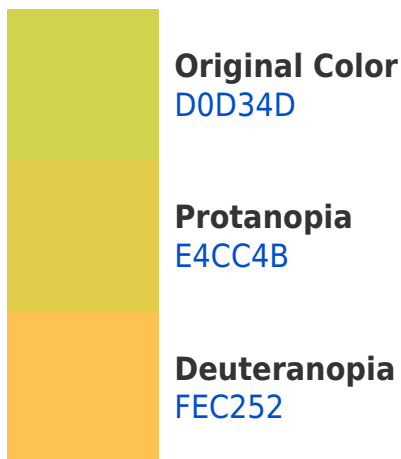


This preview shows how white text looks on a background with the Hex color D0D34D.

# Color Blindness Simulation

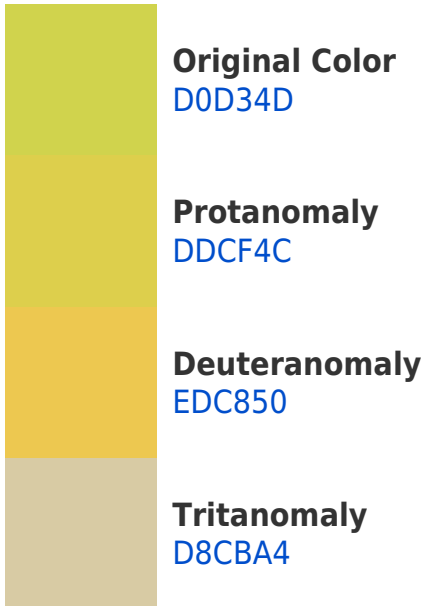
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

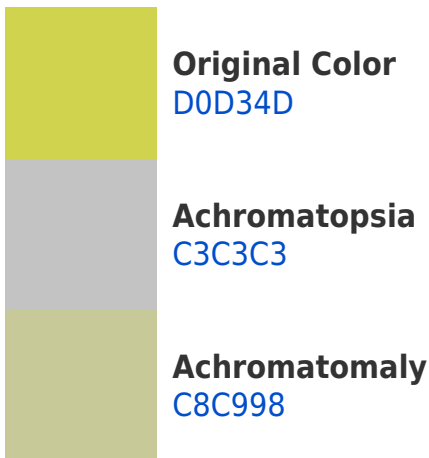




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D34D 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 #D0D34D looks like.

```
.text, #text, p{  
    color:#D0D34D  
}
```

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 #D0D34D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D34D }  
}
```

## Border

The CSS property to change the border of an element to Hex D0D34D 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 #D0D34D }  
}
```

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

```
.border{ border-color:#D0D34D }
```

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

Here you see how a box with a 4 pixel #D0D34D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D34D; -webkit-box-shadow:4px 4px  
4px 4px #D0D34D; box-shadow:4px 4px 4px  
4px #D0D34D }
```

# Background

The CSS property to change the background color of an element to Hex D0D34D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D34D }
```

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

```
.background{ background-color:#D0D34D }
```

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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