

Converting Colors

Hex(D3C37F)

Have a look what the booklet for
Hex(D3C37F) contains.

Hex(D3C37F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D3C37F)

Conversions

Conversions Part 1

Format	Color
Hex	D3C37F
RGB	211, 195, 127
RGB Percent	83%, 76%, 50%
CMY	0.1725, 0.2353, 0.5020
CMYK	0.00, 0.08, 0.40, 0.17
HSL	49°, 49%, 66%
HSV	49°, 40%, 83%
XYZ	50.2098, 54.4114, 27.9348
YIQ	192.0320, 31.3640, -17.7560

Conversions

Conversions Part 2

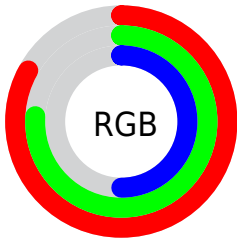
Format	Color
RYB	147, 211, 127
Decimal	13878143
CIELab	78.70, -4.00, 36.19
CIELCh	79, 36.414, 96.311
Yxy	54.4114, 0.3788, 0.4105
Android (android.graphics.Color)	4292068223 (0xFFD3C37F)
YUV	192.0320, -32.0608, 16.6349
Hunter-Lab	73.7641, -7.5855, 29.1815

Details

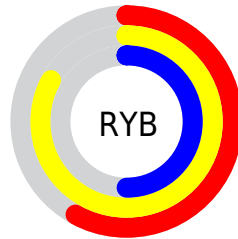
The Hex color **D3C37F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7F8FD3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFBB5**, and **9B8E4D** is the 20% darker color. If you saturate the color by 10%, you get **D3BF6A**, and if you desaturate by 10%, it is **D3C794**.

Distribution



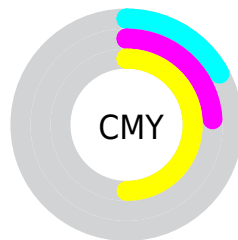
- Red (83%)
- Green (76%)
- Blue (50%)



- Red (58%)
- Yellow (83%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3C37F 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 D3C37F by changing the saturation by 10% instead.



D3C37F



D3C37F

FFFFFF



B7A865



FFFB5



9B8E4D



FFFD0



807435



FFFED



665C1D



4C4403



342E00



1C1A00



000000



D3C37F



D3C37F

 D3BF6A

 D3C794

 D3BB55

 D3CBA9

 D3B740

 D3CFBE

 D3B32B

 D3D3D3

 D3AF16

 D3D7E9

 D3AB00

 D3DBFE

 D3DFFF

 D3E3FF

 D3E7FF

Harmonies

Analogous

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



F1B786



D3C37F



AECD8B

Triad

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



D3C37F



4DD4EA



F4ADDF

Complementary

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



D3C37F



7F8FD3

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.



D1B7F9



D3C37F



6CCEFF

Square

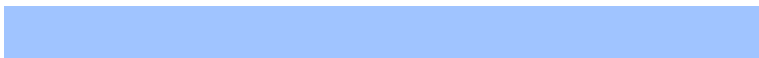
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3C37F



5FD5C9



A0C4FF



FFA9BD

Rectangle

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



D3C37F



94D19C



A0C4FF



EAB0E9

Sweetspot

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



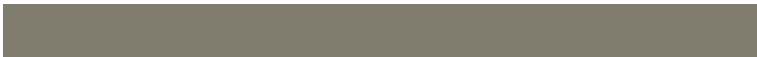
D3C37F



FFF9E0



D37F90



807C6E



000000



808080

Same Dimension

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



D3C37F



FFE885



BAD37F



69675E



A88800



292100

Inverse Universe

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



7F8FD3



859CFF



987FD3



5E6069



0020A8



000829

Previews

White Background



This preview shows how the Hex color D3C37F looks on a white background.

Color Contrast Check

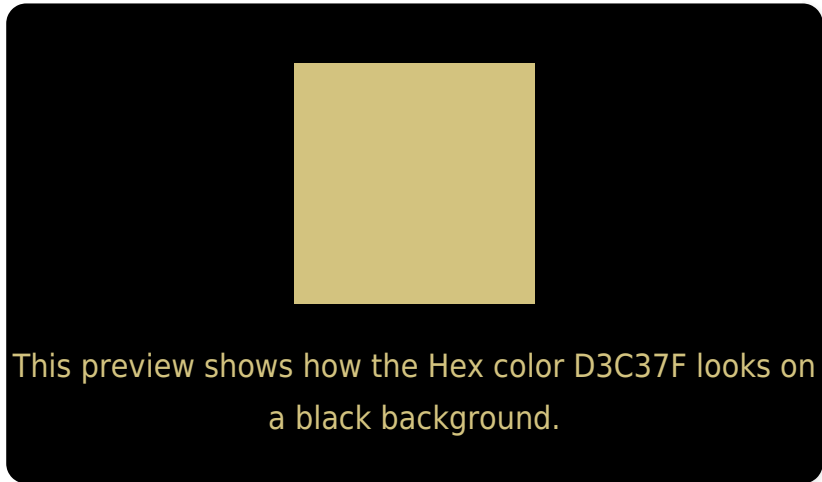
Large Text (above 18pt) WCAG AA × Fail

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 D3C37F Background



This preview shows how black text looks on a background with the Hex color D3C37F.

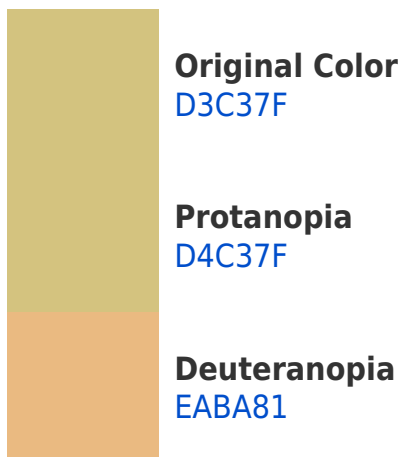


This preview shows how white text looks on a background with the Hex color D3C37F.

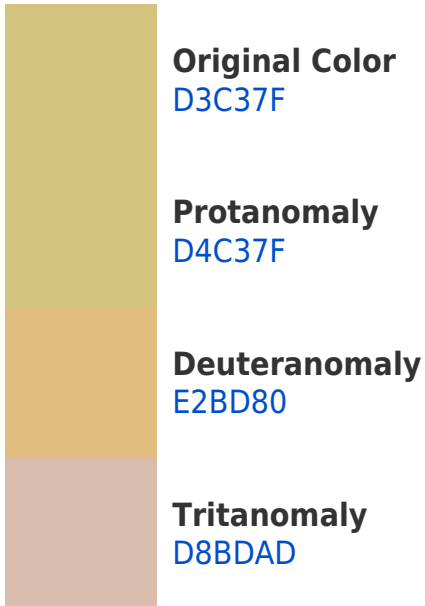
Color Blindness Simulation

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](#).

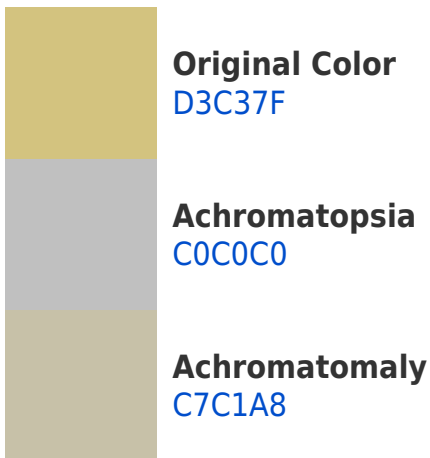
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3C37F 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 #D3C37F looks like.

```
.text, #text, p{  
    color:#D3C37F  
}
```

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 #D3C37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3C37F
}
```

Border

The CSS property to change the border of an element to Hex D3C37F 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
#D3C37F }
```

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

```
.border{ border-color:#D3C37F }
```

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

Here you see how a box with a 4 pixel #D3C37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3C37F; -webkit-box-shadow:4px 4px  
4px 4px #D3C37F; box-shadow:4px 4px 4px  
4px #D3C37F }
```

Background

The CSS property to change the background color of an element to Hex D3C37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3C37F }
```

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

```
.background{ background-color:#D3C37F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor