

Converting Colors

Hex(D7DC6F)

Have a look what the booklet for
Hex(D7DC6F) contains.

Hex(D7DC6F)	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(D7DC6F)

Conversions

Conversions Part 1

Format	Color
Hex	D7DC6F
RGB	215, 220, 111
RGB Percent	84%, 86%, 44%
CMY	0.1569, 0.1373, 0.5647
CMYK	0.02, 0.00, 0.50, 0.14
HSL	63°, 61%, 65%
HSV	63°, 50%, 86%
XYZ	56.4868, 66.7812, 24.9518
YIQ	206.0790, 32.0090, -34.9590

Conversions

Conversions Part 2

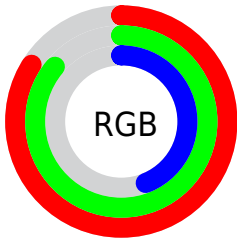
Format	Color
RYB	111, 220, 116
Decimal	14146671
CIELab	85.39, -16.66, 52.43
CIELCh	85, 55.011, 107.632
Yxy	66.7812, 0.3811, 0.4506
Android (android.graphics.Color)	4292336751 (0xFFD7DC6F)
YUV	206.0790, -46.8739, 7.8237
Hunter-Lab	81.7197, -19.6258, 39.1006

Details

The Hex color **D7DC6F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **746FDC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFA5**, and **9EA53B** is the 20% darker color. If you saturate the color by 10%, you get **D6DC59**, and if you desaturate by 10%, it is **D8DC85**.

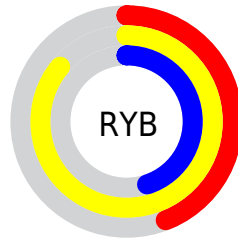
Distribution



Red (84%)

Green (86%)

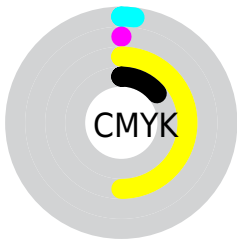
Blue (44%)



Red (44%)

Yellow (86%)

Blue (45%)

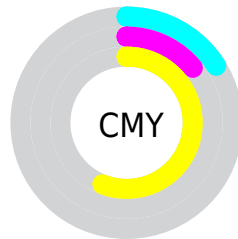


Cyan (2%)

Magenta (0%)

Yellow (50%)

Black (14%)



Cyan (16%)

Magenta (14%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7DC6F 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 D7DC6F by changing the saturation by 10% instead.

 D7DC6F

 D7DC6F

FFFFFF

 BAC055

 FFFFA5

 9EA53B

 FFFFC1

 838B1F

 FFFFDE

 687100

 FFFFFB

 4D5900

 344200

 1B2C00

 001900

 000000

 D7DC6F

 D7DC6F

 D6DC59

 D8DC85

 D5DC43

 D9DC9B

 D4DC2D

 DADCB1

 D3DC17

 DBDCC7

 D2DC01

 DCDCDD

 D2DC00

 DDDCF3

 DEDCFF

 DFDCFF

 E0DCFF

Harmonies

Analogous

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



FFCB6E



D7DC6F



9CE88D

Triad

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



D7DC6F



00ECFF



FFADED

Complementary

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



D7DC6F



746FDC

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.



FFBCFF



D7DC6F



44E1FF

Square

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



D7DC6F



00F0F3



B8D0FF



FFACB9

Rectangle

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



D7DC6F



6AEDAC



B8D0FF



FFB1FE

Sweetspot

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



D7DC6F



FDFFD9



DC736F



7E8069



000000



808080

Same Dimension

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



D7DC6F



F8FF69



A2DC6F



6D6E63



A5AD00



2C2E00

Inverse Universe

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



746FDC



6F69FF



A96FDC



63636E



0800AD



02002E

Previews

White Background



This preview shows how the Hex color D7DC6F looks on a white background.

Color Contrast Check

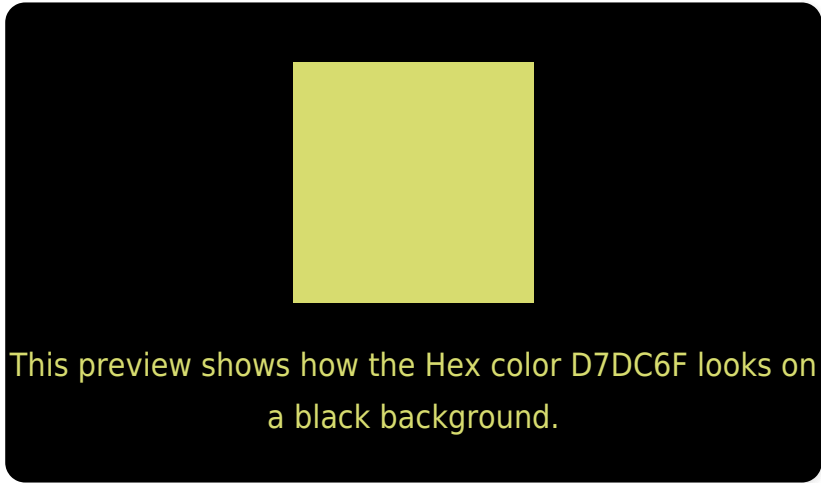
Large Text (above 18pt) WCAG AA × Fail

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

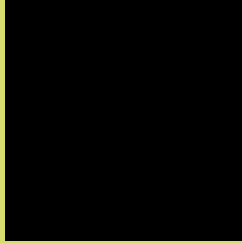
Any Text WCAG AA ✓ Pass

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 D7DC6F Background



This preview shows how black text looks on a background with the Hex color D7DC6F.

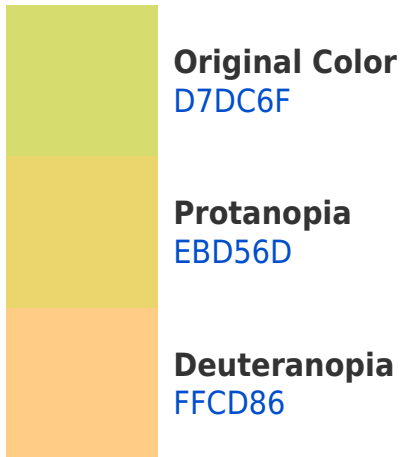


This preview shows how white text looks on a background with the Hex color D7DC6F.

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](#).

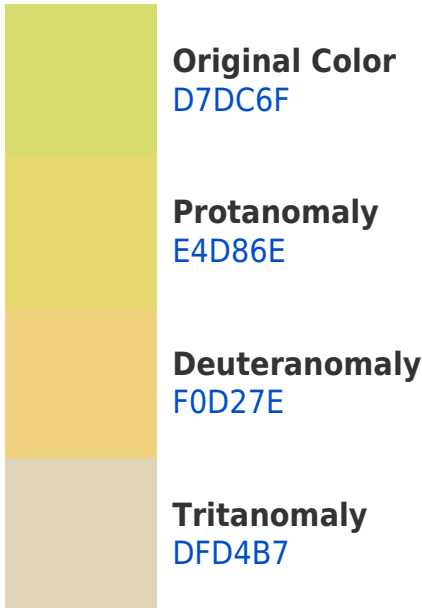
Dichromacy



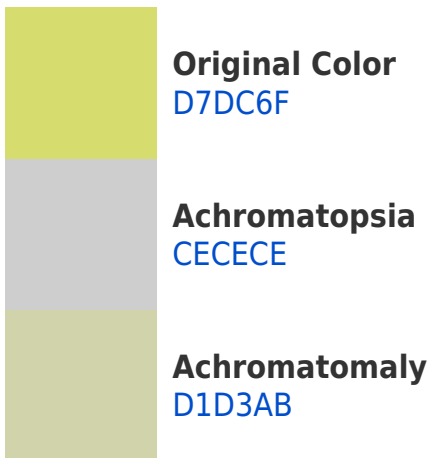


Tritanopia
E3CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7DC6F 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 #D7DC6F looks like.

```
.text, #text, p{  
    color:#D7DC6F  
}
```

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 #D7DC6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DC6F
}
```

Border

The CSS property to change the border of an element to Hex D7DC6F 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
#D7DC6F }
```

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

```
.border{ border-color:#D7DC6F }
```

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

Here you see how a box with a 4 pixel #D7DC6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DC6F; -webkit-box-shadow:4px 4px  
4px 4px #D7DC6F; box-shadow:4px 4px 4px  
4px #D7DC6F }
```

Background

The CSS property to change the background color of an element to Hex D7DC6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DC6F }
```

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

```
.background{ background-color:#D7DC6F }
```

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