

Converting Colors

Hex(D7C733)

Have a look what the booklet for
Hex(D7C733) contains.

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Color

Hex(D7C733)

Conversions

Conversions Part 1

Format	Color
Hex	D7C733
RGB	215, 199, 51
RGB Percent	84%, 78%, 20%
CMY	0.1569, 0.2196, 0.8000
CMYK	0.00, 0.07, 0.76, 0.16
HSL	54°, 67%, 52%
HSV	54°, 76%, 84%
XYZ	49.0453, 55.5329, 11.2659
YIQ	186.9120, 57.0440, -42.6360

Conversions

Conversions Part 2

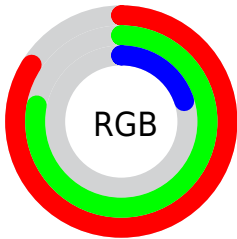
Format	Color
RYB	69, 215, 51
Decimal	14141235
CIELab	79.35, -9.94, 70.50
CIELCh	79, 71.196, 98.024
Yxy	55.5329, 0.4234, 0.4794
Android (android.graphics.Color)	4292331315 (0xFFD7C733)
YUV	186.9120, -67.0046, 24.6332
Hunter-Lab	74.5204, -12.9317, 43.2009

Details

The Hex color **D7C733** 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 **3343D7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF6D**, and **9C9200** is the 20% darker color. If you saturate the color by 10%, you get **D7C51E**, and if you desaturate by 10%, it is **D7C949**.

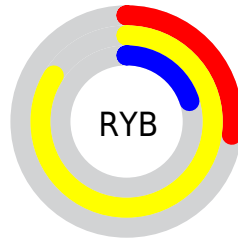
Distribution



Red (84%)

Green (78%)

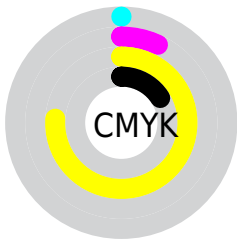
Blue (20%)



Red (27%)

Yellow (84%)

Blue (20%)

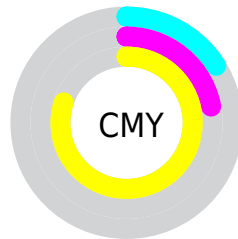


Cyan (0%)

Magenta (7%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7C733 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 D7C733 by changing the saturation by 10% instead.

 D7C733

 D7C733

FFFFFF

 B9AC0A

 FFFF6D

 9C9200

 FFFF89

 807800

 FFFFA5

 646000


 FFFF82

 484800

 FFFFDF

 2E3200

 FFFF8C

 161D00

 000000

 D7C733

 D7C733

 D7C51E

 D7C949

 D7C308

 D7CB5E

 D7C200

 D7CD74

 D7CF89

 D7D19F

 D7D4B4

 D7D6CA

 D7D8DF

 D7DAF5

Harmonies

Analogous

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



FFAF45



D7C733



90D855

Triad

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



D7C733



00E2FF



FF91F8

Complementary

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



D7C733



3343D7

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.



DFABFF



D7C733



00D9FF

Square

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



D7C733



00E5D5



5BC6FF



FF86B5

Rectangle

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



D7C733



4BDF7B



5BC6FF



FF99FF

Sweetspot

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



D7C733



FFF9C4



D73343



807C5C



000000



808080

Same Dimension

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



D7C733



FFE814



95D733



6B6A60



AB9A00



2B2700

Inverse Universe

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



3343D7



142BFF



7533D7



60616B



0011AB



00042B

Previews

White Background



This preview shows how the Hex color D7C733 looks on a white background.

Color Contrast Check

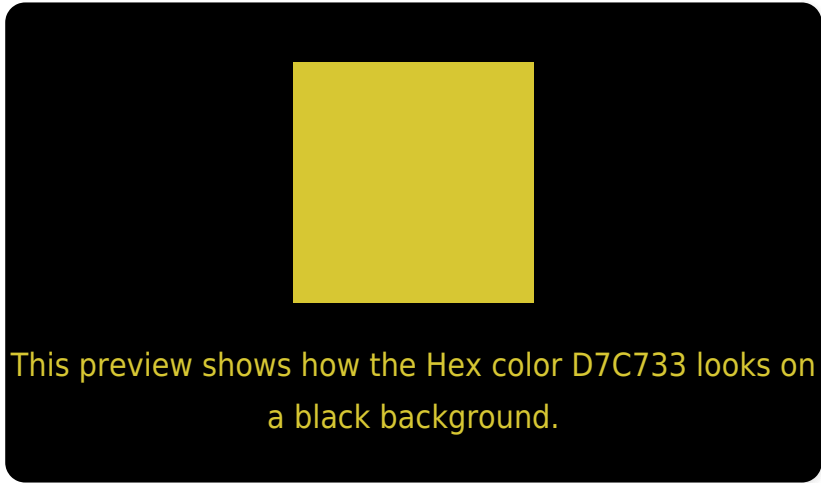
Large Text (above 18pt) WCAG AA × Fail

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 D7C733 Background



This preview shows how black text looks on a background with the Hex color D7C733.

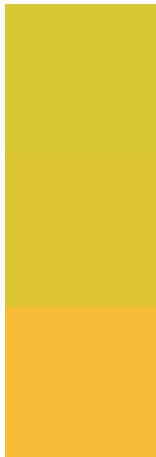


This preview shows how white text looks on a background with the Hex color D7C733.

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



Original Color
D7C733

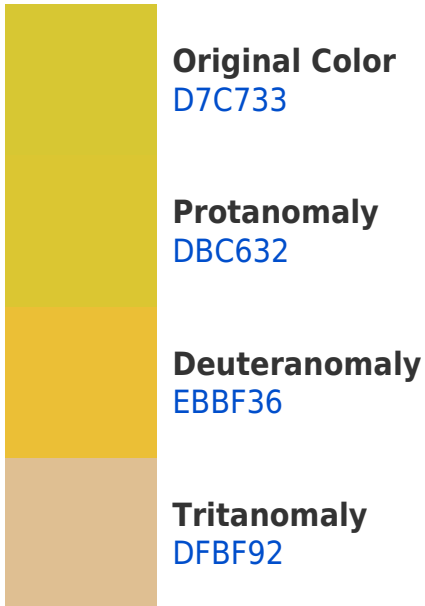
Protanopia
DDC532

Deuteranopia
F7BB38



Tritanopia
E3BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7C733 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 #D7C733 looks like.

```
.text, #text, p{  
    color:#D7C733  
}
```

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 #D7C733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C733  
}
```

Border

The CSS property to change the border of an element to Hex D7C733 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  
#D7C733 }
```

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

```
.border{ border-color:#D7C733 }
```

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

Here you see how a box with a 4 pixel #D7C733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C733; -webkit-box-shadow:4px 4px  
4px 4px #D7C733; box-shadow:4px 4px 4px  
4px #D7C733 }
```

Background

The CSS property to change the background color of an element to Hex D7C733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C733 }
```

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

```
.background{ background-color:#D7C733 }
```

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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