

Converting Colors

Hex(D7D900)

Have a look what the booklet for
Hex(D7D900) contains.

Hex(D7D900)	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(D7D900)

Conversions

Conversions Part 1

Format	Color
Hex	D7D900
RGB	215, 217, 0
RGB Percent	84%, 85%, 0%
CMY	0.1569, 0.1490, 1.0000
CMYK	0.01, 0.00, 1.00, 0.15
HSL	61°, 100%, 43%
HSV	61°, 100%, 85%
XYZ	52.8372, 64.0728, 9.5825
YIQ	191.6640, 68.4650, -67.9110

Conversions

Conversions Part 2

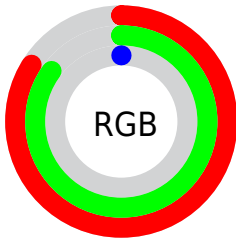
Format	Color
RYB	0, 217, 2
Decimal	14145792
CIELab	84.00, -19.93, 83.46
CIElCh	84, 85.805, 103.430
Yxy	64.0728, 0.4177, 0.5065
Android (android.graphics.Color)	4292335872 (0xFFD7D900)
YUV	191.6640, -94.4904, 20.4657
Hunter-Lab	80.0455, -22.2536, 48.9341

Details

The Hex color **D7D900** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0200D9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF58**, and **9BA200** is the 20% darker color. If you saturate the color by 10%, you get **D7D900**, and if you desaturate by 10%, it is **D7D916**.

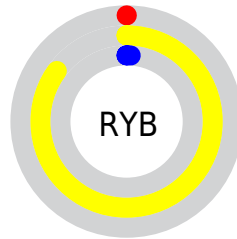
Distribution



Red (84%)

Green (85%)

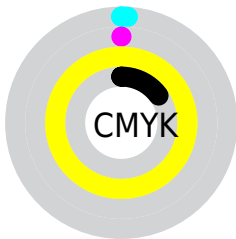
Blue (0%)



Red (0%)

Yellow (85%)

Blue (1%)

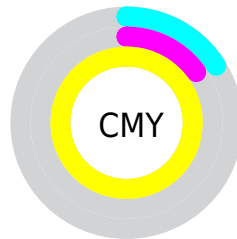


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7D900 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 D7D900 by changing the saturation by 10% instead.

 D7D900

 D7D900

FFFFFF

 B9BD00

 FFFF58

 9BA200

 FFFF76

 7E8800

 FFFF93

 626F00


 FFFFB0

 465700

 FFFFCE

 2B4000

 FFFFEC

 112A00

 001700

 000000

 D7D900

 D7D916

 D7D92B

 D8D941

 D8D957

 D8D96D

 D8D982

 D8D998

 D9D9AE

 D9D9C3

Harmonies

Analogous

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



FFBD21



D7D900



7AEB51

Triad

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



D7D900



00F4FF



FF89FF

Complementary

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



D7D900



0200D9

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.



FFABFF



D7D900



00E7FF

Square

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



D7D900



00F7F5



68CFFF



FF81B1

Rectangle

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



D7D900



00F285



68CFFF



FF93FF

Sweetspot

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



D7D900



FEFFB3



D90000



7F8052



000000



808080

Same Dimension

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



D7D900



FDF000



6DD900



6E6E63



ACAD00



2D2E00

Inverse Universe

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



0200D9



0200FF



6D00D9



63636E



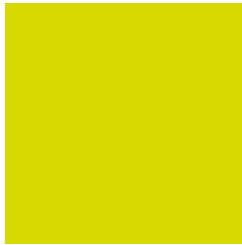
0200AD



00002E

Previews

White Background



This preview shows how the Hex color D7D900 looks on a white background.

Color Contrast Check

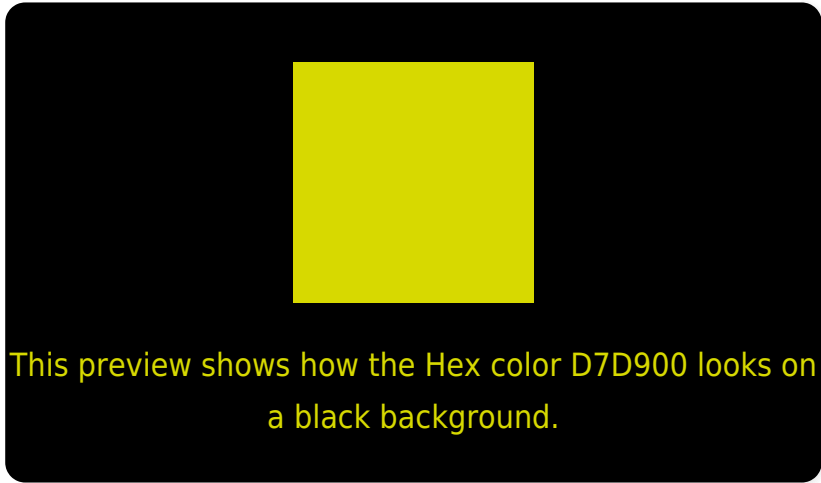
Large Text (above 18pt) WCAG AA × Fail

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 D7D900 Background



This preview shows how black text looks on a background with the Hex color D7D900.

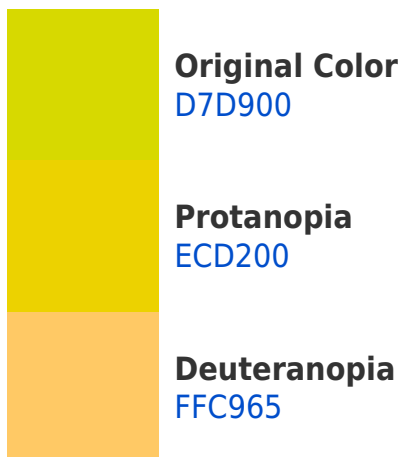


This preview shows how white text looks on a background with the Hex color D7D900.

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](#).

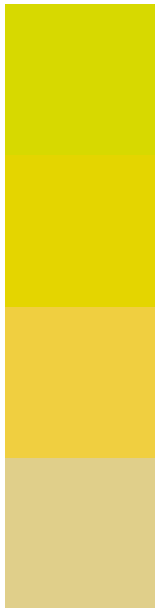
Dichromacy





Tritanopia
E5CAD9

Trichromacy



Original Color
D7D900

Protanomaly
E4D500

Deuteranomaly
F0CF40

Tritanomaly
E0CF8A

Monochromacy



Original Color
D7D900

Achromatopsia
C0C0C0

Achromatomaly
C8C97A

CSS Examples

Text

The CSS property to change the color of the text to Hex D7D900 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 #D7D900 looks like.

```
.text, #text, p{  
    color:#D7D900  
}
```

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 #D7D900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D900
}
```

Border

The CSS property to change the border of an element to Hex D7D900 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
#D7D900 }
```

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

```
.border{ border-color:#D7D900 }
```

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

Here you see how a box with a 4 pixel #D7D900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D900; -webkit-box-shadow:4px 4px  
4px 4px #D7D900; box-shadow:4px 4px 4px  
4px #D7D900 }
```

Background

The CSS property to change the background color of an element to Hex D7D900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D900 }
```

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

```
.background{ background-color:#D7D900 }
```

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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