

Converting Colors

Hex(D7D89B)

Have a look what the booklet for
Hex(D7D89B) contains.

Hex(D7D89B)	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(D7D89B)

Conversions

Conversions Part 1

Format	Color
Hex	D7D89B
RGB	215, 216, 155
RGB Percent	84%, 85%, 61%
CMY	0.1569, 0.1529, 0.3922
CMYK	0.00, 0.00, 0.28, 0.15
HSL	61°, 44%, 73%
HSV	61°, 28%, 85%
XYZ	58.4966, 65.9254, 40.6521
YIQ	208.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

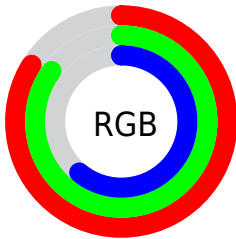
Format	Color
R _Y B	155, 216, 156
Decimal	14145691
CIE Lab	84.96, -9.86, 30.05
CIE LCh	85, 31.628, 108.164
Yxy	65.9254, 0.3544, 0.3994
Android (android.graphics.Color)	4292335771 (0xFFD7D89B)
YUV	208.7470, -26.4973, 5.4839
Hunter-Lab	81.1944, -13.4898, 27.1510

Details

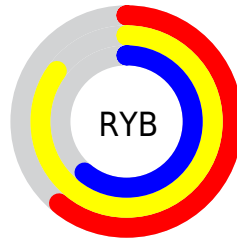
The Hex color **D7D89B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9C9BD8**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFD2**, and **9FA167** is the 20% darker color. If you saturate the color by 10%, you get **D7D885**, and if you desaturate by 10%, it is **D7D8B1**.

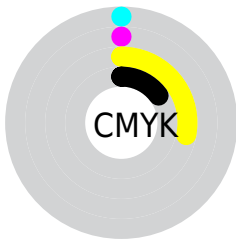
Distribution



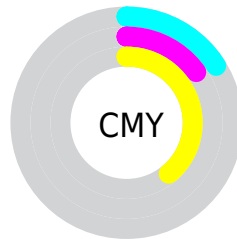
- Red (84%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7D89B 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 D7D89B by changing the saturation by 10% instead.

 D7D89B

 D7D89B

FFFFFF

 BBBC81

 FFFFD2

 9FA167

 FFFFEE


 85874F

 6B6E37

 525620

 3A3E08

 242900

 021500

 000000

 D7D89B

 D7D89B

 D7D885

 D7D8B1

 D6D870

 D8D8C6

 D6D85A

 D8D8DC

 D6D845

 D8D8F1

 D5D82F

 D9D8FF

 D5D819

 DAD8FF

 D5D804

 D4D800

Harmonies

Analogous

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



F5CE9A



D7D89B



B5E0AC

Triad

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



D7D89B



7FE2FF



FFBFE1

Complementary

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



D7D89B



9C9BD8

Split Complementary

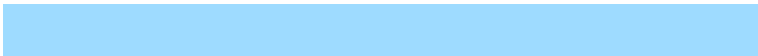
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFC6FC



D7D89B



9EDBFF

Square

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



D7D89B



7CE5E6



C9D1FF



FFBFC3

Rectangle

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



D7D89B



9EE3BD



C9D1FF



FFC1EB

Sweetspot

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



D7D89B



FFFFEB



D89B9B



7F8073



000000



808080

Same Dimension

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



D7D89B



FEFFA8



BAD89B



6B6B60



A8AB00



2B2B00

Inverse Universe

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



9C9BD8



AAA8FF



BA9BD8



61606B



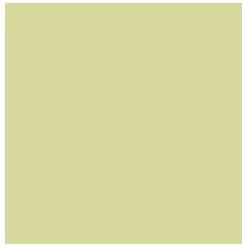
0300AB



01002B

Previews

White Background



This preview shows how the Hex color D7D89B looks on a white background.

Color Contrast Check

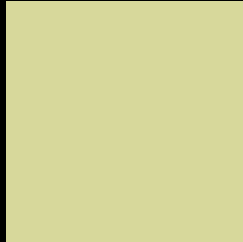
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D7D89B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

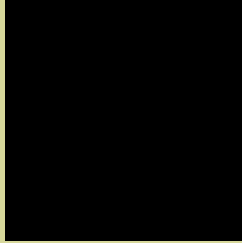
Any Text WCAG AA ✓ Pass

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 D7D89B Background



This preview shows how black text looks on a background with the Hex color D7D89B.

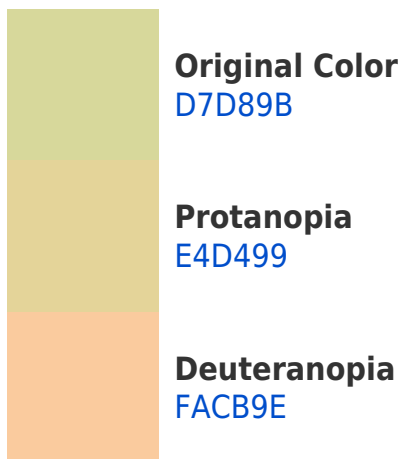


This preview shows how white text looks on a background with the Hex color D7D89B.

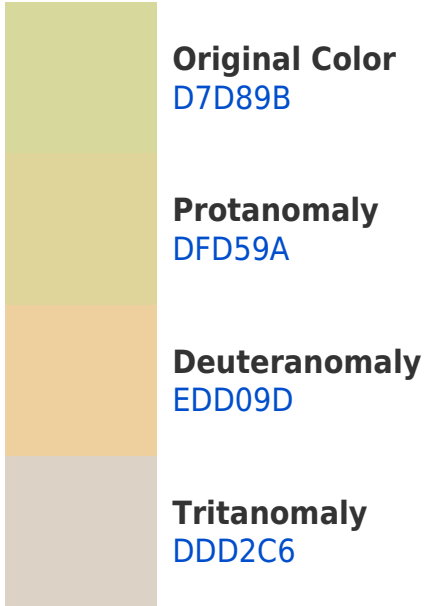
Color Blindness Simulation

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](#).

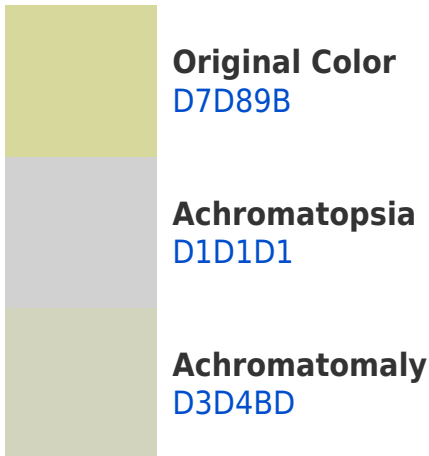
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7D89B 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 #D7D89B looks like.

```
.text, #text, p{  
    color:#D7D89B  
}
```

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 #D7D89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D89B
}
```

Border

The CSS property to change the border of an element to Hex D7D89B 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
#D7D89B }
```

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

```
.border{ border-color:#D7D89B }
```

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

Here you see how a box with a 4 pixel #D7D89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D89B; -webkit-box-shadow:4px 4px  
4px 4px #D7D89B; box-shadow:4px 4px 4px  
4px #D7D89B }
```

Background

The CSS property to change the background color of an element to Hex D7D89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D89B }
```

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

```
.background{ background-color:#D7D89B }
```

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