

# Converting Colors

Hex(D3D98B)

Have a look what the booklet for  
Hex(D3D98B) contains.

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# **Color**

**Hex(D3D98B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D98B
RGB	211, 217, 139
RGB Percent	83%, 85%, 55%
CMY	0.1725, 0.1490, 0.4549
CMYK	0.03, 0.00, 0.36, 0.15
HSL	65°, 51%, 70%
HSV	65°, 36%, 85%
XYZ	56.3370, 65.3387, 34.0684
YIQ	206.3140, 21.4620, -25.5300

# Conversions

## Conversions Part 2

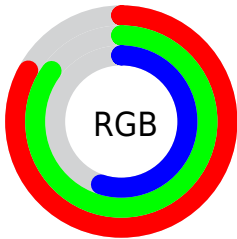
Format	Color
<a href="#">RYB</a>	<a href="#">139, 217, 145</a>
Decimal	<a href="#">13883787</a>
CIELab	<a href="#">84.66, -13.86, 37.77</a>
CIElCh	<a href="#">85, 40.235, 110.157</a>
Yxy	<a href="#">65.3387, 0.3617, 0.4195</a>
Android (android.graphics.Color)	<a href="#">4292073867 (0xFFD3D98B)</a>
YUV	<a href="#">206.3140, -33.1858, 4.1096</a>
Hunter-Lab	<a href="#">80.8323, -17.0490, 31.5937</a>

# Details

The Hex color **D3D98B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **918BD9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFC1**, and **9BA258** is the 20% darker color. If you saturate the color by 10%, you get **D1D975**, and if you desaturate by 10%, it is **D5D9A1**.

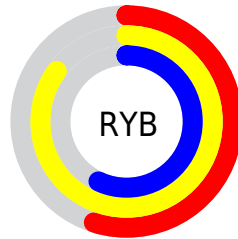
# Distribution



Red (83%)

Green (85%)

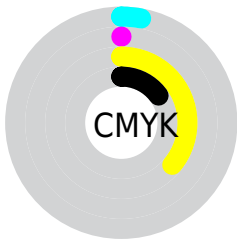
Blue (55%)



Red (55%)

Yellow (85%)

Blue (57%)

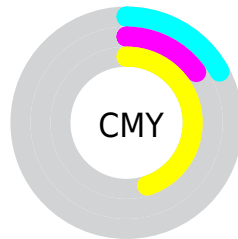


Cyan (3%)

Magenta (0%)

Yellow (36%)

Black (15%)



Cyan (17%)

Magenta (15%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3D98B 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 D3D98B by changing the saturation by 10% instead.



 D3D98B

 D3D98B

FFFFFF

 B7BD71

 FFFFC1

 9BA258

 FFFFDE

 80883F

 FFFFFA

 666F27

 4D560D

 353F00

 1D2900

 001600

 000000

 D3D98B

 D3D98B

 D1D975

 D5D9A1

 D0D960

 D6D9B6

 CED94A

 D8D9CC

 CCD934

 DAD9E2

 CBD91E

 DBD9F8

 C9D909

 DDD9FF

 C8D900

 DFD9FF

 E0D9FF

 E2D9FF

# Harmonies

## Analogous

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



F8CD89



D3D98B



A8E2A1

# Triad

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



D3D98B



55E4FF



FFB8E1

# Complementary

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



D3D98B



918BD9

# 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.



F7C1FF



D3D98B



8BDBFF

# Square

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



D3D98B



50E8EC



C6CEFF



FFB7BB

# Rectangle

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



D3D98B



89E6B8



C6CEFF



FFBAEE



# Sweetspot

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



D3D98B



FDFFE3



D9908B



7E806F



000000



808080



# Same Dimension

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



D3D98B



F7FF91



ADD98B



6D6E63



A0AD00



2A2E00



# Inverse Universe

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



918BD9



9A91FF



B78BD9



64636E



0D00AD

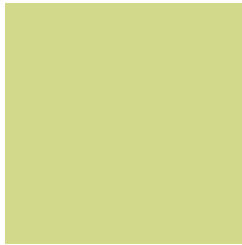


04002E



# Previews

## White Background



This preview shows how the Hex color D3D98B 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 D3D98B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

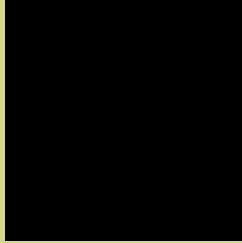
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3D98B Background



This preview shows how black text looks on a background with the Hex color D3D98B.

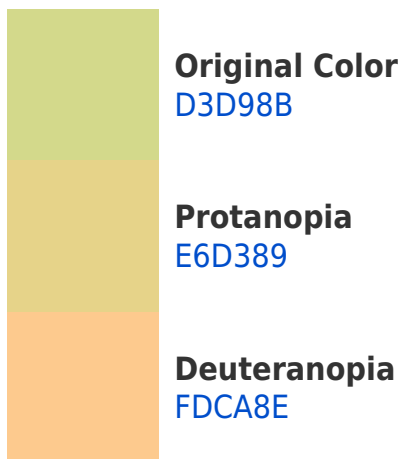


This preview shows how white text looks on a background with the Hex color D3D98B.

# Color Blindness Simulation

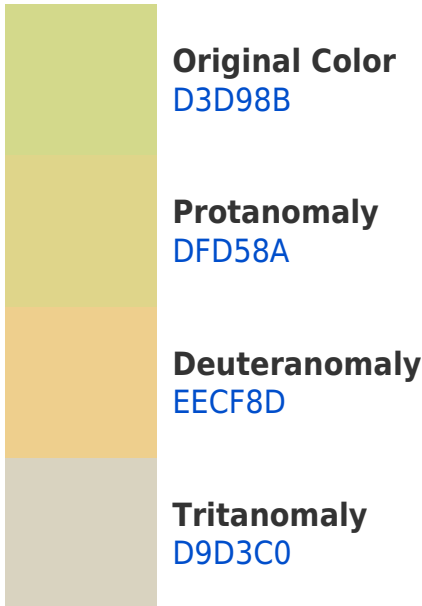
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3D98B 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 #D3D98B looks like.

```
.text, #text, p{  
    color:#D3D98B  
}
```

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 #D3D98B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3D98B
}
```

## Border

The CSS property to change the border of an element to Hex D3D98B 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
#D3D98B }
```

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

```
.border{ border-color:#D3D98B }
```

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

Here you see how a box with a 4 pixel #D3D98B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3D98B; -webkit-box-shadow:4px 4px  
4px 4px #D3D98B; box-shadow:4px 4px 4px  
4px #D3D98B }
```

# Background

The CSS property to change the background color of an element to Hex D3D98B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3D98B }
```

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

```
.background{ background-color:#D3D98B }
```

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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