

# Converting Colors

Hex(D2D49B)

Have a look what the booklet for  
Hex(D2D49B) contains.

<b>Hex(D2D49B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D2D49B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2D49B
RGB	210, 212, 155
RGB Percent	82%, 83%, 61%
CMY	0.1765, 0.1686, 0.3922
CMYK	0.01, 0.00, 0.27, 0.17
HSL	62°, 40%, 72%
HSV	62°, 27%, 83%
XYZ	56.0382, 63.1552, 40.2470
YIQ	204.9040, 17.1050, -18.1510

# Conversions

## Conversions Part 2

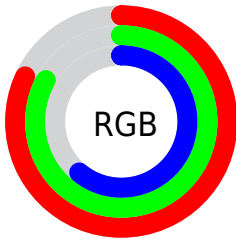
Format	Color
<a href="#">RYB</a>	<a href="#">155, 212, 157</a>
Decimal	<a href="#">13816987</a>
CIELab	<a href="#">83.52, -9.72, 28.06</a>
CIELCh	<a href="#">84, 29.695, 109.108</a>
Yxy	<a href="#">63.1552, 0.3515, 0.3961</a>
Android (android.graphics.Color)	<a href="#">4292007067 (0xFFD2D49B)</a>
YUV	<a href="#">204.9040, -24.6027, 4.4692</a>
Hunter-Lab	<a href="#">79.4702, -13.2041, 25.6023</a>

# Details

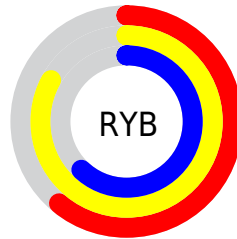
The Hex color **D2D49B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9D9BD4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFD2**, and **9B9D67** is the 20% darker color. If you saturate the color by 10%, you get **D1D486**, and if you desaturate by 10%, it is **D3D4B0**.

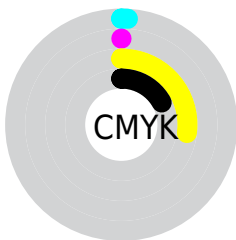
# Distribution



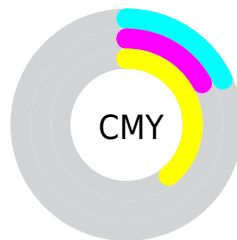
- Red (82%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2D49B 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 D2D49B by changing the saturation by 10% instead.



 D2D49B

FFFFFF

 FFFFD2

 FFFFEE

 D2D49B

 B6B881

 9B9D67

 80834F

 676A37

 4E5220

 363B0A

 202600

 001200

 000000

 D2D49B

 D2D49B

 D1D486

 D3D4B0

 D1D471

 D3D4C5

 D0D45B

 D4D4DB

 CFD446

 D5D4F0

 CED431

 D6D4FF

 CED41C

 D7D4FF

 CDD407

 D8D4FF

 CDD400

 D9D4FF

# Harmonies

## Analogous

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



EECB9A



D2D49B



B2DBAB

# Triad

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



D2D49B



83DDF9



FFBDDC

# Complementary

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



D2D49B



9D9BD4

# Split Complementary

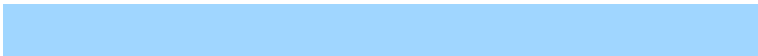
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAC3F5



D2D49B



A0D6FF

# Square

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



D2D49B



7FE0E1



C7CDFF



FFBCBF

# Rectangle

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



D2D49B



9DDEBB



C7CDFF



FBEE5



# Sweetspot

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



D2D49B



FEFFEB



D49D9B



7F8073



000000



808080



# Same Dimension

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



D2D49B



FCFFAD



B6D49B



6B6B60



A5AB00



2A2B00



# Inverse Universe

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



9D9BD4



B0ADFF



B99BD4



61606B



0600AB

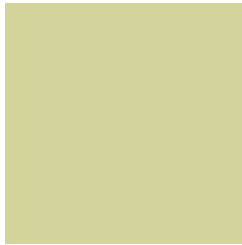


02002B



# Previews

## White Background



This preview shows how the Hex color D2D49B looks on a white background.

## Color Contrast Check

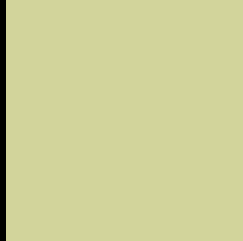
Large Text (above 18pt) WCAG AA × Fail

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 D2D49B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

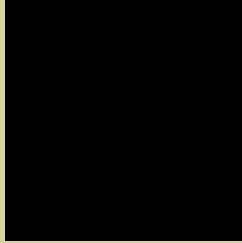
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

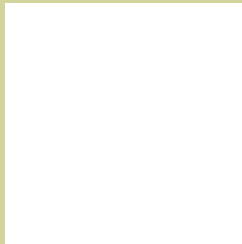
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2D49B Background



This preview shows how black text looks on a background with the Hex color D2D49B.

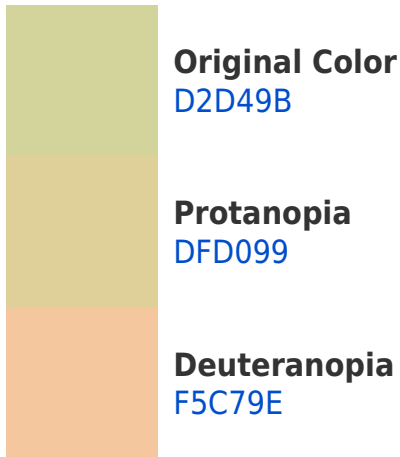


This preview shows how white text looks on a background with the Hex color D2D49B.

# Color Blindness Simulation

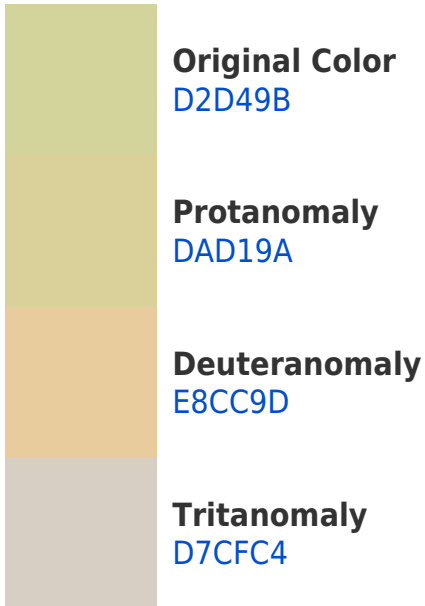
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

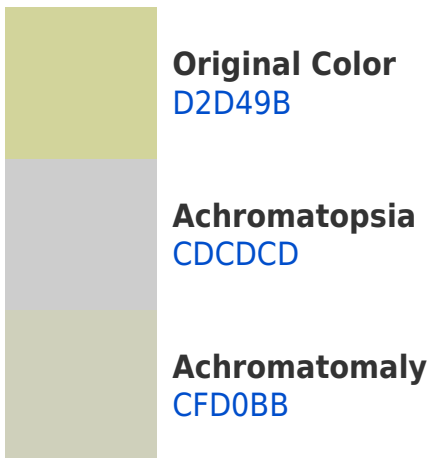




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2D49B 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 #D2D49B looks like.

```
.text, #text, p{  
    color:#D2D49B  
}
```

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 #D2D49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2D49B
}
```

## Border

The CSS property to change the border of an element to Hex D2D49B 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
#D2D49B }
```

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

```
.border{ border-color:#D2D49B }
```

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

Here you see how a box with a 4 pixel #D2D49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2D49B; -webkit-box-shadow:4px 4px  
4px 4px #D2D49B; box-shadow:4px 4px 4px  
4px #D2D49B }
```

# Background

The CSS property to change the background color of an element to Hex D2D49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2D49B }
```

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

```
.background{ background-color:#D2D49B }
```

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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