

# Converting Colors

Hex(D9DD9B)

Have a look what the booklet for  
Hex(D9DD9B) contains.

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# Color

**Hex(D9DD9B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D9DD9B
RGB	217, 221, 155
RGB Percent	85%, 87%, 61%
CMY	0.1490, 0.1333, 0.3922
CMYK	0.02, 0.00, 0.30, 0.13
HSL	64°, 49%, 74%
HSV	64°, 30%, 87%
XYZ	60.3881, 68.8312, 41.1133
YIQ	212.2800, 18.8020, -21.3740

# Conversions

## Conversions Part 2

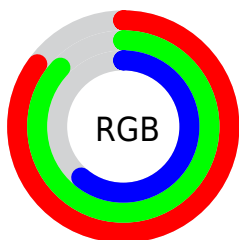
Format	Color
<a href="#">RYB</a>	<a href="#">155, 221, 159</a>
Decimal	<a href="#">14278043</a>
CIELab	<a href="#">86.42, -11.63, 32.03</a>
CIELCh	<a href="#">86, 34.075, 109.950</a>
Yxy	<a href="#">68.8312, 0.3545, 0.4041</a>
Android (android.graphics.Color)	<a href="#">4292468123</a> (0xFFD9DD9B)
YUV	<a href="#">212.2800, -28.2390, 4.1394</a>
Hunter-Lab	<a href="#">82.9646, -15.2617, 28.6939</a>

# Details

The Hex color **D9DD9B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9F9BDD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFD2**, and **A1A667** is the 20% darker color. If you saturate the color by 10%, you get **D8DD85**, and if you desaturate by 10%, it is **DADDB1**.

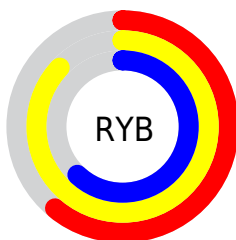
# Distribution



Red (85%)

Green (87%)

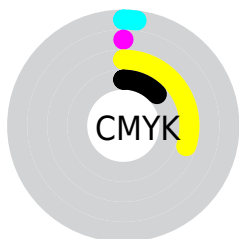
Blue (61%)



Red (61%)

Yellow (87%)

Blue (62%)

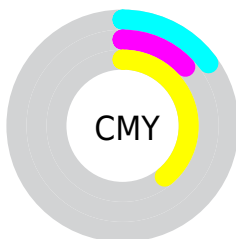


Cyan (2%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (15%)

Magenta (13%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9DD9B 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 D9DD9B by changing the saturation by 10% instead.



 D9DD9B

FFFFFF

 FFFFD2

 FFFFEE

 D9DD9B

 BDC181

 A1A667

 878C4E

 6D7237

 535A1F

 3B4207

 252C00

 061900

 000000

 D9DD9B

 D9DD9B

 D8DD85

 DADDB1

 D6DD6F

 DCDDC7

 D5DD59

 DDDDDD

 D4DD43

 DEDDF3

 D2DD2C

 E0DDFF

 D1DD16

 E1DDFF

 D0DD00

 E2DDFF

 E4DDFF

 E5DDFF

# Harmonies

## Analogous

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



F9D299



D9DD9B



B4E5AE

# Triad

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



D9DD9B



7BE6FF



FFC1E5

# Complementary

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



D9DD9B



9F9BDD

# Split Complementary

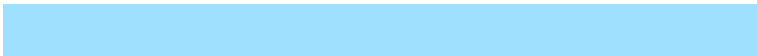
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F7C9FF



D9DD9B



9FDFFF

# Square

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



D9DD9B



76EAED



CED4FF



FFC1C4

# Rectangle

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



D9DD9B



9BE8C1



CED4FF



FFC3EF



# Sweetspot

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



D9DD9B



FEFFE8



DD9E9B



7F8071



000000



808080



# Same Dimension

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



D9DD9B



F9FFA3



B9DD9B



6D6E63



A3AD00



2B2E00



# Inverse Universe

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



9F9BDD



A9A3FF



BF9BDD



63636E



0B00AD



03002E



# Previews

## White Background



This preview shows how the Hex color D9DD9B looks on a white background.

## Color Contrast Check

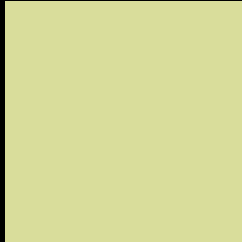
Large Text (above 18pt) WCAG AA × Fail

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 D9DD9B 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

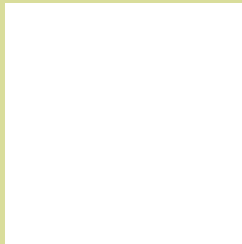
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9DD9B Background



This preview shows how black text looks on a background with the Hex color D9DD9B.



This preview shows how white text looks on a background with the Hex color D9DD9B.

# 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**  
D9DD9B




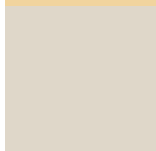
**Protanopia**  
E9D899

**Deuteranopia**  
FFCF9F



**Tritanopia**  
E2D4E4

# Trichromacy

	<b>Original Color</b> D9DD9B
	<b>Protanomaly</b> E3DA9A
	<b>Deuteranomaly</b> F1D49E
	<b>Tritanomaly</b> DFD7C9

# Monochromacy

	<b>Original Color</b> D9DD9B
	<b>Achromatopsia</b> D4D4D4
	<b>Achromatomaly</b> D6D7BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9DD9B 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 #D9DD9B looks like.

```
.text, #text, p{  
    color:#D9DD9B  
}
```

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 #D9DD9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9DD9B
}
```

## Border

The CSS property to change the border of an element to Hex D9DD9B 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
#D9DD9B }
```

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

```
.border{ border-color:#D9DD9B }
```

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

Here you see how a box with a 4 pixel #D9DD9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9DD9B; -webkit-box-shadow:4px 4px  
4px 4px #D9DD9B; box-shadow:4px 4px 4px  
4px #D9DD9B }
```

# Background

The CSS property to change the background color of an element to Hex D9DD9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9DD9B }
```

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

```
.background{ background-color:#D9DD9B }
```

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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