

# Converting Colors

Hex(D9DEA0)

Have a look what the booklet for  
Hex(D9DEA0) contains.

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# **Color**

**Hex(D9DEA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9DEA0
RGB	217, 222, 160
RGB Percent	85%, 87%, 63%
CMY	0.1490, 0.1294, 0.3725
CMYK	0.02, 0.00, 0.28, 0.13
HSL	65°, 48%, 75%
HSV	65°, 28%, 87%
XYZ	61.0817, 69.5323, 43.4594
YIQ	213.4370, 16.9220, -20.3420

# Conversions

## Conversions Part 2

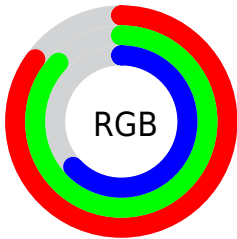
Format	Color
<a href="#">RYB</a>	<a href="#">160, 222, 165</a>
Decimal	<a href="#">14278304</a>
CIELab	<a href="#">86.77, -11.48, 29.93</a>
CIELCh	<a href="#">87, 32.056, 110.987</a>
Yxy	<a href="#">69.5323, 0.3509, 0.3994</a>
Android (android.graphics.Color)	<a href="#">4292468384 (0xFFD9DEA0)</a>
YUV	<a href="#">213.4370, -26.3444, 3.1248</a>
Hunter-Lab	<a href="#">83.3860, -15.1713, 27.4693</a>

# Details

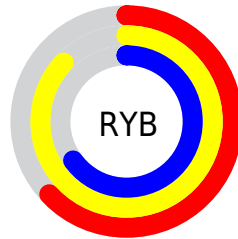
The Hex color **D9DEA0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A5A0DE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFD7**, and **A1A76C** is the 20% darker color. If you saturate the color by 10%, you get **D7DE8A**, and if you desaturate by 10%, it is **DBDEB6**.

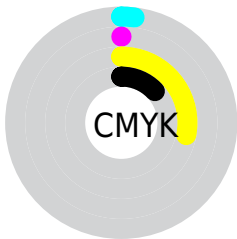
# Distribution



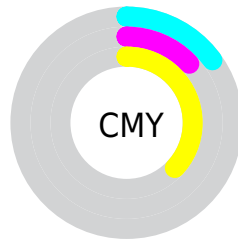
- Red (85%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9DEA0 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 D9DEA0 by changing the saturation by 10% instead.



 D9DEA0

FFFFFFF

 FFFFD7

 FFFFF4

 D9DEA0

 BDC286

 A1A76C

 878D53

 6D733B

 545B24

 3C430D

 262D00

 081900

 000000

 D9DEA0

 D9DEA0

 D7DE8A

 DBDEB6

 D5DE74

 DDDECC

 D4DE5D

 DEDEE3

 D2DE47

 E0DEF9

 D0DE31

 E2DEFF

 CEDE1B

 E4DEFF

 CCDE05

 E6DEFF

 CCDE00

 E7DEFF

 E9DEFF

# Harmonies

## Analogous

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



F8D49E



D9DEA0



B6E6B2

# Triad

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



D9DEA0



85E6FF



FFC4E4

# Complementary

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



D9DEA0



A5A0DE

# Split Complementary

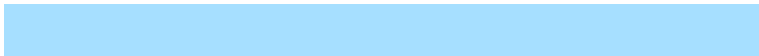
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F7CAFF



D9DEA0



A6DFFF

# Square

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



D9DEA0



7FEAEE



D1D5FF



FFC4C5

# Rectangle

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



D9DEA0



9FE9C4



D1D5FF



FFC5EE



# Sweetspot

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



D9DEA0



FDFFE8



DEA4A0



7E8073



000000



808080

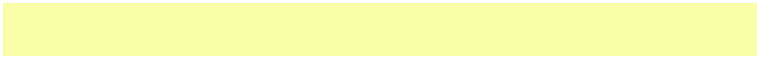


# Same Dimension

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



D9DEA0



F8FFA8



BBDEA0



6F7065



A2B000



2D3000



# Inverse Universe

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



A5A0DE



AFA8FF



C3A0DE



666570



0E00B0



040030



# Previews

## White Background



This preview shows how the Hex color D9DEA0 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 D9DEA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

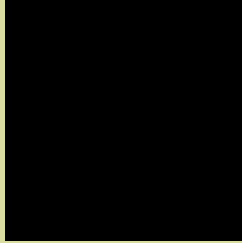
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9DEA0 Background



This preview shows how black text looks on a background with the Hex color D9DEA0.

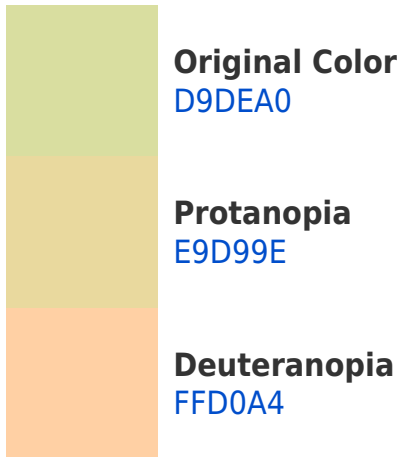


This preview shows how white text looks on a background with the Hex color D9DEA0.

# 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](#).

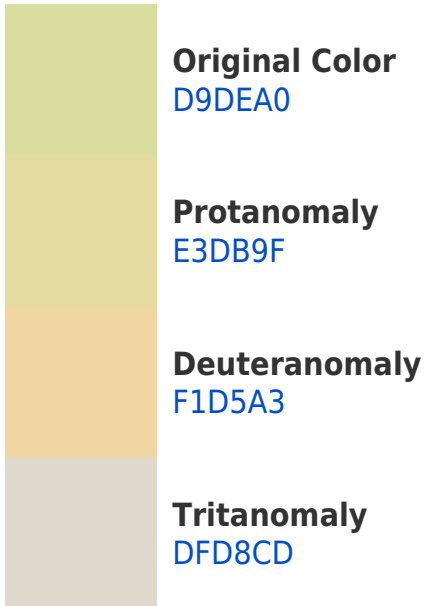
## Dichromacy





**Tritanopia**  
E2D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9DEA0 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 #D9DEA0 looks like.

```
.text, #text, p{  
    color:#D9DEA0  
}
```

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 #D9DEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9DEA0  
}
```

## Border

The CSS property to change the border of an element to Hex D9DEA0 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  
#D9DEA0 }
```

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

```
.border{ border-color:#D9DEA0 }
```

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

Here you see how a box with a 4 pixel #D9DEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9DEA0; -webkit-box-shadow:4px 4px  
4px 4px #D9DEA0; box-shadow:4px 4px 4px  
4px #D9DEA0 }
```

# Background

The CSS property to change the background color of an element to Hex D9DEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9DEA0 }
```

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

```
.background{ background-color:#D9DEA0 }
```

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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