

# Converting Colors

Hex(D9DAE5)

Have a look what the booklet for  
Hex(D9DAE5) contains.

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# **Color**

**Hex(D9DAE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9DAE5
RGB	217, 218, 229
RGB Percent	85%, 85%, 90%
CMY	0.1490, 0.1451, 0.1020
CMYK	0.05, 0.05, 0.00, 0.10
HSL	235°, 19%, 87%
HSV	235°, 5%, 90%
XYZ	67.8295, 70.5517, 84.1716
YIQ	218.9550, -4.1270, 3.2090

# Conversions

## Conversions Part 2

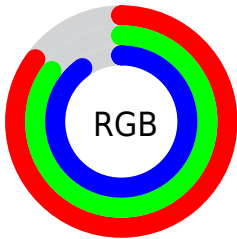
Format	Color
R <sub>Y</sub> B	217, 218, 229
Decimal	14277349
CIE Lab	87.27, 1.70, -5.51
CIE LCh	87, 5.765, 287.173
Yxy	70.5517, 0.3048, 0.3170
Android (android.graphics.Color)	4292467429 (0xFFD9DAE5)
YUV	218.9550, 4.9522, -1.7145
Hunter-Lab	83.9950, -2.8450, -0.6181

# Details

The Hex color **D9DAE5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5E4D9**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A3AE** is the 20% darker color. If you saturate the color by 10%, you get **C2C5E5**, and if you desaturate by 10%, it is **F0EFE5**.

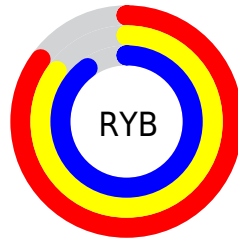
# Distribution



Red (85%)

Green (85%)

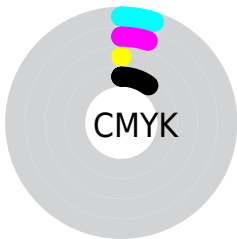
Blue (90%)



Red (85%)

Yellow (85%)

Blue (90%)

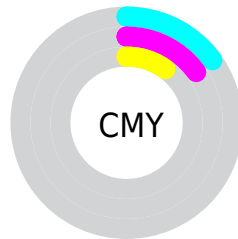


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (15%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9DAE5 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 D9DAE5 by changing the saturation by 10% instead.



■ D9DAE5

FFFFFF

■ D9DAE5

■ BDBEC9

■ A2A3AE

■ 888993

■ 6F7079

■ 565760

■ 3F4049

■ 292A32

■ 15161D

■ 000002

 D9DAE5

 D9DAE5

 C2C5E5

 F0EFE5

 ABB0E5

 FFFFE5

 949BE5

 7D86E5

 6671E5

 505CE5

 3947E5

 2232E5

 0B1DE5

# Harmonies

## Analogous

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



D3DCE5



D9DAE5



E0D8E2

# Triad

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



D9DAE5



E6D8D3



D0DED8

# Complementary

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



D9DAE5



E5E4D9

# 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.



D6DDD3



D9DAE5



E2D9D0

# Square

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



D9DAE5



E7D7D8



DCDBD0



CEDEDE

# Rectangle

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



D9DAE5



E3D8DF



DCDBD0



D2DED6



# Sweetspot

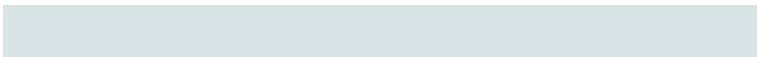
The Sweet Spot groups the original color and five complimentary colors.



D9DAE5



FAFAFF



D9E5E4



7D7D80



000000



808080



# Same Dimension

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



D9DAE5



F0F1FF



DED9E5



6B6B73



000FB3



000433

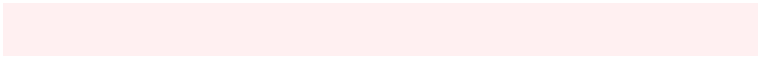


# Inverse Universe

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



E5D9DA



FFF0F1



E0E5D9



736B6B



B3000F

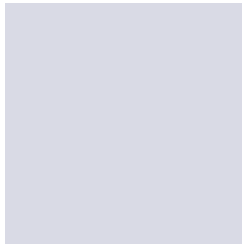


330004



# Previews

## White Background



This preview shows how the Hex color D9DAE5 looks on a white background.

## Color Contrast Check

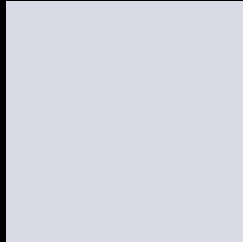
Large Text (above 18pt) WCAG AA × Fail

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 D9DAE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

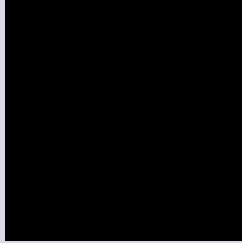
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

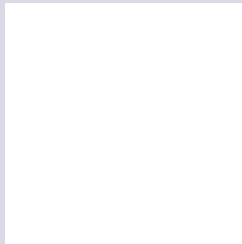
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9DAE5 Background



This preview shows how black text looks on a background with the Hex color D9DAE5.

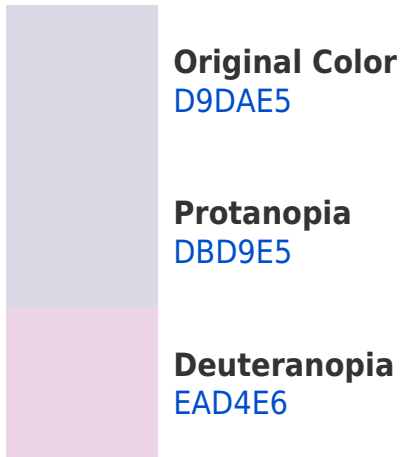


This preview shows how white text looks on a background with the Hex color D9DAE5.

# 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**  
DAD9EA

# Trichromacy



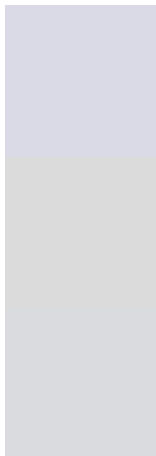
**Original Color**  
D9DAE5

**Protanomaly**  
DAD9E5

**Deuteranomaly**  
E4D6E6

**Tritanomaly**  
DAD9E8

# Monochromacy



**Original Color**  
D9DAE5

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DADBDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9DAE5 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 #D9DAE5 looks like.

```
.text, #text, p{  
    color:#D9DAE5  
}
```

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 #D9DAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9DAE5
}
```

## Border

The CSS property to change the border of an element to Hex D9DAE5 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
#D9DAE5 }
```

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

```
.border{ border-color:#D9DAE5 }
```

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

Here you see how a box with a 4 pixel #D9DAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9DAE5; -webkit-box-shadow:4px 4px  
4px 4px #D9DAE5; box-shadow:4px 4px 4px  
4px #D9DAE5 }
```

# Background

The CSS property to change the background color of an element to Hex D9DAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9DAE5 }
```

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

```
.background{ background-color:#D9DAE5 }
```

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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