

# Converting Colors

Hex(D9DEE3)

Have a look what the booklet for  
Hex(D9DEE3) contains.

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# **Color**

**Hex(D9DEE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9DEE3
RGB	217, 222, 227
RGB Percent	85%, 87%, 89%
CMY	0.1490, 0.1294, 0.1098
CMYK	0.04, 0.02, 0.00, 0.11
HSL	210°, 15%, 87%
HSV	210°, 4%, 89%
XYZ	68.6017, 72.5403, 83.0590
YIQ	221.0750, -4.5850, 0.4950

# Conversions

## Conversions Part 2

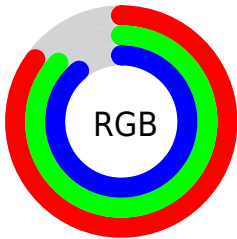
Format	Color
R <sub>Y</sub> B	217, 220, 227
Decimal	14278371
CIE Lab	88.23, -0.75, -3.04
CIE LCh	88, 3.130, 256.097
Yxy	72.5403, 0.3060, 0.3236
Android (android.graphics.Color)	4292468451 (0xFFD9DEE3)
YUV	221.0750, 2.9210, -3.5738
Hunter-Lab	85.1706, -5.2736, 1.7994

# Details

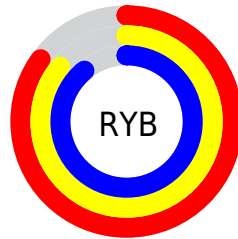
The Hex color **D9DEE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DED9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A2A7AC** is the 20% darker color. If you saturate the color by 10%, you get **C2D3E3**, and if you desaturate by 10%, it is **F0E9E3**.

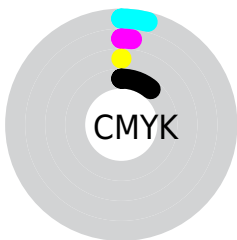
# Distribution



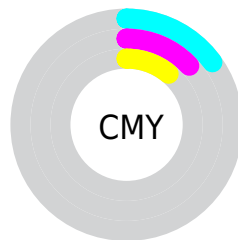
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- Blue (89%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9DEE3 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 D9DEE3 by changing the saturation by 10% instead.



■ D9DEE3

FFFFFF

■ D9DEE3

■ BDC2C7

■ A2A7AC

■ 888D91

■ 6F7378

■ 565B5F

■ 3F4347

■ 292D31

■ 15181C

■ 000000

 D9DEE3

 D9DEE3

 C2D3E3

 F0E9E3

 ACC7E3


 FFF5E3

 95BCE3

 FFFF E3

 7EB1E3

 67A5E3

 519AE3

 3A8FE3

 2383E3

 0D78E3

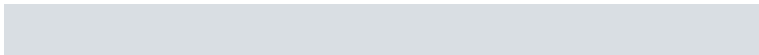
# Harmonies

## Analogous

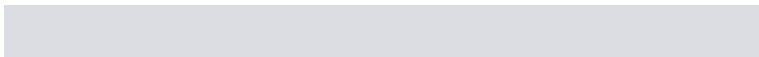
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7DFE1



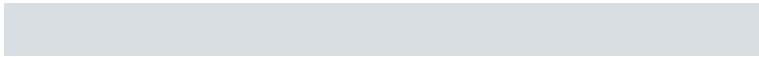
D9DEE3



DCDDE3

# Triad

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



D9DEE3



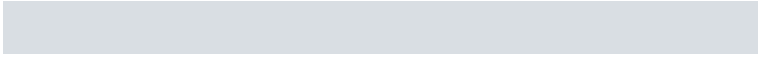
E4DBDC



DBDFD9

# Complementary

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



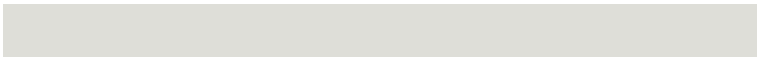
D9DEE3



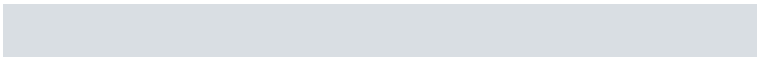
E3DED9

# 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.



DEDED8



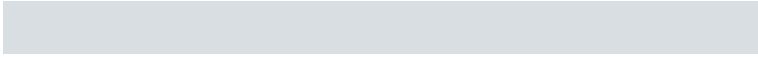
D9DEE3



E4DCD9

# Square

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



D9DEE3



E3DCDF



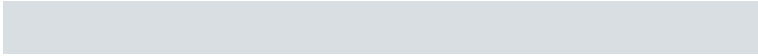
E1DDD8



D8DFDC

# Rectangle

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



D9DEE3



DFDCE2



E1DDD8



DCDED8



# Sweetspot

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



D9DEE3



FCFEFF



D9E3DE



7E7F80



000000

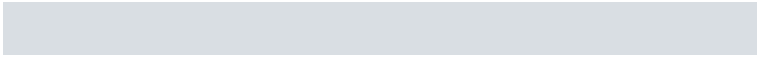


808080

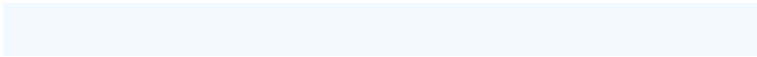


# Same Dimension

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



D9DEE3



F2F9FF



D9D9E3



6C6F73



0059B3



001A33



# Inverse Universe

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



E3D9DE



FFF2F9



E3E3D9



736C6F



B30059

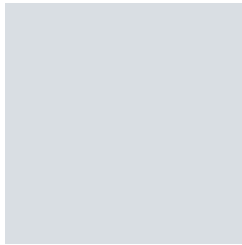


33001A



# Previews

## White Background



This preview shows how the Hex color D9DEE3 looks on a white background.

## Color Contrast Check

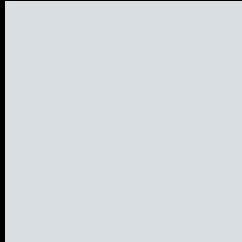
Large Text (above 18pt) WCAG AA × Fail

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 D9DEE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

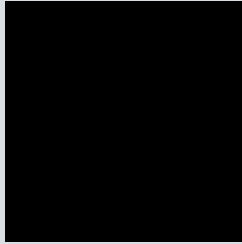
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

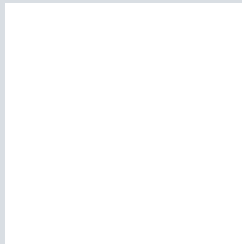
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9DEE3 Background



This preview shows how black text looks on a background with the Hex color D9DEE3.

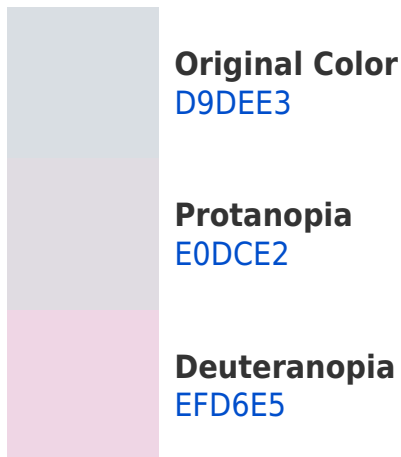


This preview shows how white text looks on a background with the Hex color D9DEE3.

# Color Blindness Simulation

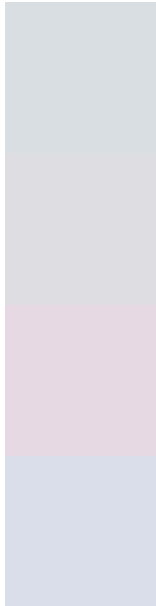
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



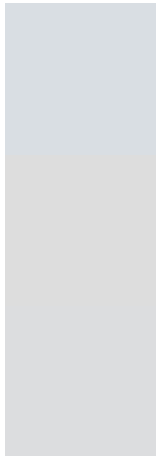
**Original Color**  
D9DEE3

**Protanomaly**  
DDDDE2

**Deuteranomaly**  
E7D9E4

**Tritanomaly**  
DADDEA

# Monochromacy



**Original Color**  
D9DEE3

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DCDDDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9DEE3 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 #D9DEE3 looks like.

```
.text, #text, p{  
    color:#D9DEE3  
}
```

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 #D9DEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9DEE3  
}
```

## Border

The CSS property to change the border of an element to Hex D9DEE3 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  
#D9DEE3 }
```

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

```
.border{ border-color:#D9DEE3 }
```

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

Here you see how a box with a 4 pixel #D9DEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9DEE3; -webkit-box-shadow:4px 4px  
4px 4px #D9DEE3; box-shadow:4px 4px 4px  
4px #D9DEE3 }
```

# Background

The CSS property to change the background color of an element to Hex D9DEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9DEE3 }
```

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

```
.background{ background-color:#D9DEE3 }
```

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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