

# Converting Colors

Hex(DEE5E6)

Have a look what the booklet for  
Hex(DEE5E6) contains.

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# **Color**

**Hex(D EE5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE5E6
RGB	222, 229, 230
RGB Percent	87%, 90%, 90%
CMY	0.1294, 0.1020, 0.0980
CMYK	0.03, 0.00, 0.00, 0.10
HSL	187°, 14%, 89%
HSV	187°, 3%, 90%
XYZ	72.4264, 77.2814, 85.9624
YIQ	227.0210, -4.4930, -1.1730

# Conversions

## Conversions Part 2

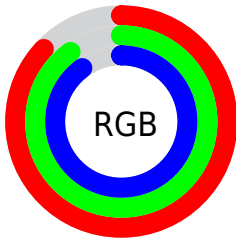
Format	Color
RYP	222, 226, 230
Decimal	14607846
CIELab	90.45, -2.15, -1.31
CIElCh	90, 2.517, 211.387
Yxy	77.2814, 0.3073, 0.3279
Android (android.graphics.Color)	4292797926 (0xFFDEE5E6)
YUV	227.0210, 1.4686, -4.4034
Hunter-Lab	87.9098, -6.7811, 3.5603

# Details

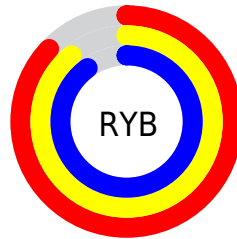
The Hex color **DEE5E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DFDE**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **A7AEAF** is the 20% darker color. If you saturate the color by 10%, you get **C7E2E6**, and if you desaturate by 10%, it is **F5E8E6**.

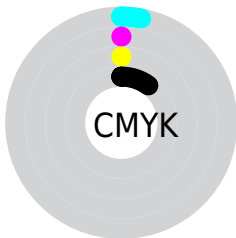
# Distribution



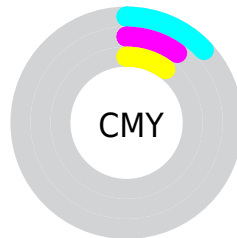
- Red (87%)
- Green (90%)
- Blue (90%)



- Red (87%)
- Yellow (89%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEE5E6 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 DEE5E6 by changing the saturation by 10% instead.



■ DEE5E6

FFFFFF

■ DEE5E6

■ C2C9CA

■ A7AEAF

■ 8D9394

■ 73797A

■ 5A6161

■ 43494A

■ 2D3233

■ 181D1E

■ 000305

DEE5E6

DEE5E6

C7E2E6

F5E8E6

B0DFE6

FFEBE6

99DCE6

FFEEE6

82DAE6

FFF0E6

6BD7E6

FFF3E6

54D4E6

FFF6E6

3DD1E6

FFF9E6

26CEE6

FFFCE6

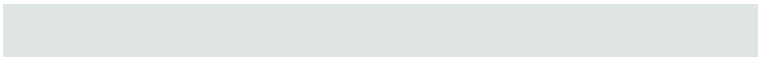
0FCBE6

FFFFE6

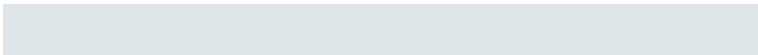
# Harmonies

## Analogous

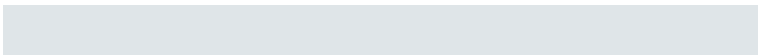
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DEE5E4



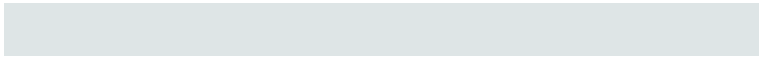
DEE5E6



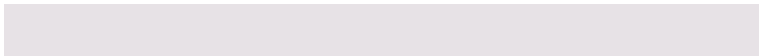
DFE5E8

# Triad

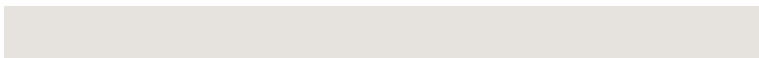
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEE5E6



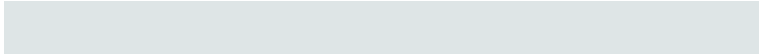
E7E2E6



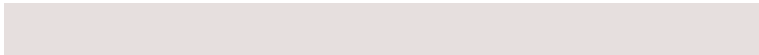
E6E3DF

# Complementary

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



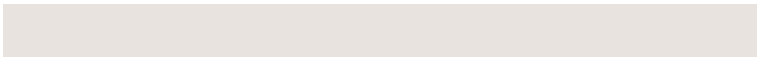
DEE5E6



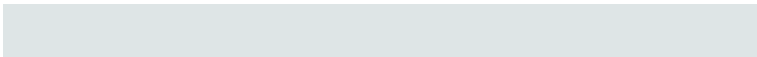
E6DFDE

# Split Complementary

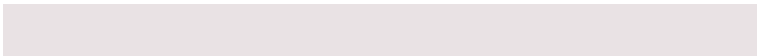
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8E3DF



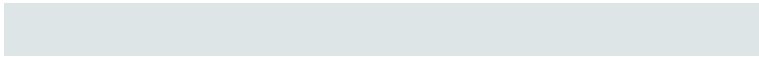
DEE5E6



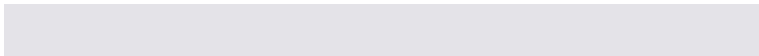
E9E2E4

# Square

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



DEE5E6



E4E3E8



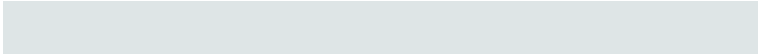
E9E2E1



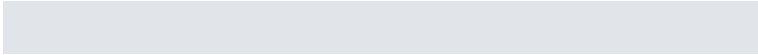
E3E4DF

# Rectangle

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



DEE5E6



E1E4E8



E9E2E1



E7E3DF



# Sweetspot

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



DEE5E6



FCFFFF



DEE6DF



7E7F80



000000



808080

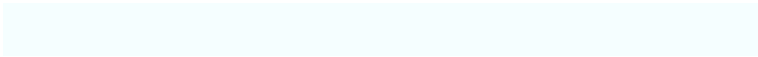


# Same Dimension

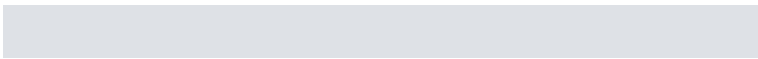
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEE5E6



F5FEFF



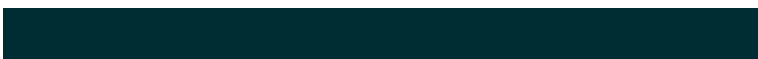
DEE1E6



6D7273



009CB3



002D33



# Inverse Universe

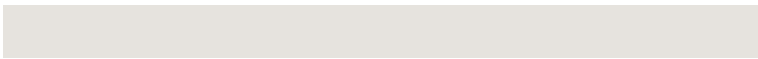
The Inverse Universe completely reimagines the original color for something new.



E6DEE5



FFF5FE



E6E3DE



736D72



B3009C

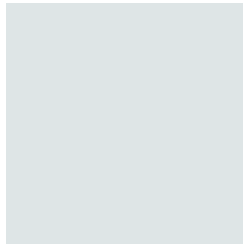


33002D



# Previews

## White Background



This preview shows how the Hex color DEE5E6 looks on a white background.

## Color Contrast Check

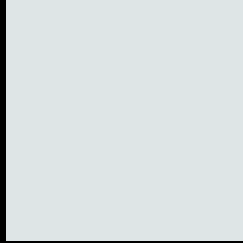
Large Text (above 18pt) WCAG AA × Fail

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 DEE5E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

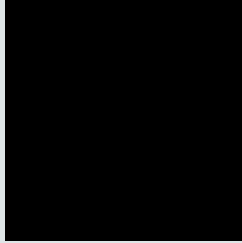
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

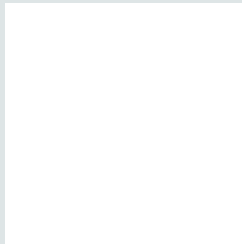
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEE5E6 Background



This preview shows how black text looks on a background with the Hex color DEE5E6.



This preview shows how white text looks on a background with the Hex color DEE5E6.

# 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](#).

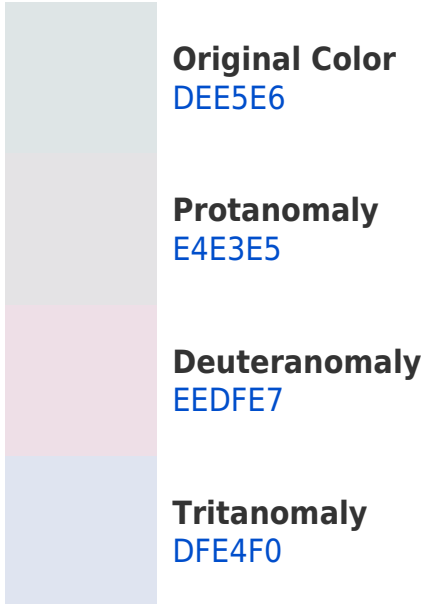
## Dichromacy



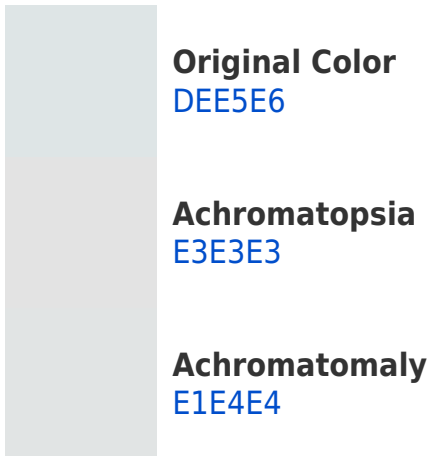


**Tritanopia**  
E0E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE5E6 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 #DEE5E6 looks like.

```
.text, #text, p{  
    color:#DEE5E6  
}
```

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 #DEE5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE5E6  
}
```

## Border

The CSS property to change the border of an element to Hex DEE5E6 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  
#DEE5E6 }
```

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

```
.border{ border-color:#DEE5E6 }
```

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

Here you see how a box with a 4 pixel #DEE5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE5E6; -webkit-box-shadow:4px 4px  
4px 4px #DEE5E6; box-shadow:4px 4px 4px  
4px #DEE5E6 }
```

# Background

The CSS property to change the background color of an element to Hex DEE5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE5E6 }
```

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

```
.background{ background-color:#DEE5E6 }
```

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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