

# Converting Colors

Hex(D3DEE1)

Have a look what the booklet for  
Hex(D3DEE1) contains.

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# **Color**

**Hex(D3DEE1)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D3DEE1                     |
| RGB         | 211, 222, 225              |
| RGB Percent | 83%, 87%, 88%              |
| CMY         | 0.1725, 0.1294, 0.1176     |
| CMYK        | 0.06, 0.01, 0.00, 0.12     |
| HSL         | 193°, 19%, 85%             |
| HSV         | 193°, 6%, 88%              |
| XYZ         | 66.5759, 71.5277, 81.5315  |
| YIQ         | 219.0530, -7.5190, -1.3990 |

# Conversions

## Conversions Part 2

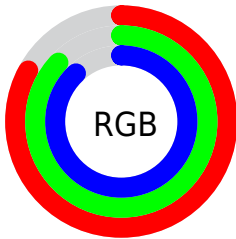
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 211, 217, 225                |
| Decimal                             | 13885153                     |
| CIE Lab                             | 87.74, -3.11, -2.75          |
| CIE LCh                             | 88, 4.153, 221.494           |
| Yxy                                 | 71.5277, 0.3031,<br>0.3257   |
| Android<br>(android.graphics.Color) | 4292075233<br>(0xFFD3DEE1)   |
| YUV                                 | 219.0530, 2.9319,<br>-7.0625 |
| Hunter-Lab                          | 84.5740, -7.4911,<br>2.0448  |

# Details

The Hex color **D3DEE1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E1D6D3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **9CA7AA** is the 20% darker color. If you saturate the color by 10%, you get **BCD9E1**, and if you desaturate by 10%, it is **E9E3E1**.

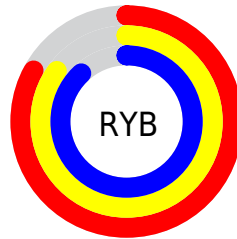
# Distribution



Red (83%)

Green (87%)

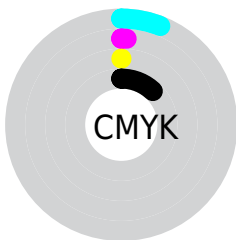
Blue (88%)



Red (83%)

Yellow (85%)

Blue (88%)

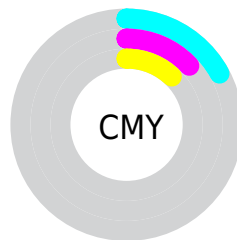


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (12%)



Cyan (17%)

Magenta (13%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3DEE1 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 D3DEE1 by changing the saturation by 10% instead.



■ D3DEE1

FFFFFF

■ D3DEE1

■ B7C2C5

■ 9CA7AA

■ 828D8F

■ 697376

■ 515B5D

■ 3A4346

■ 242D2F

■ 10181B

■ 000000

 D3DEE1

 D3DEE1

 BCD9E1

 E9E3E1

 A6D4E1

 FFE8E1

 90D0E1

 FFECE1

 79CBE1

 FFF1E1

 62C6E1

 FFF6E1

 4CC1E1

 FFFBE1

 35BCE1

 FFFFE1

 1FB7E1

 08B3E1

# Harmonies

## Analogous

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



D3DEDD



D3DEE1



D6DDE3

# Triad

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



D3DEE1



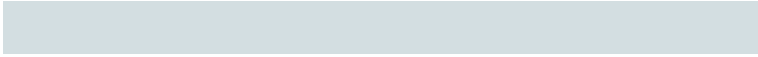
E3DADF



DEDCD4

# Complementary

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



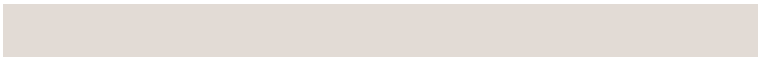
D3DEE1



E1D6D3

# 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.



E2DBD5



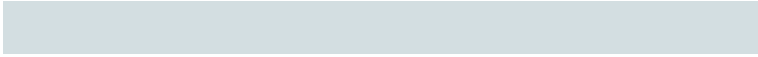
D3DEE1



E5D9DB

# Square

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



D3DEE1



DFDBE2



E4DAD7



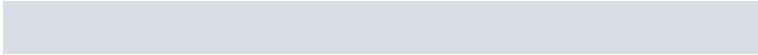
D9DDD6

# Rectangle

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



D3DEE1



D8DCE4



E4DAD7



DFDCD4



# Sweetspot

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



D3DEE1



FAFEFF



D3E1D6



7D7F80



000000



808080

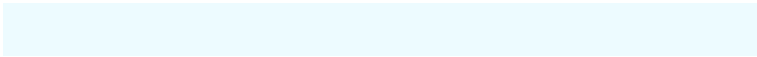


# Same Dimension

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



D3DEE1



EDFBFF



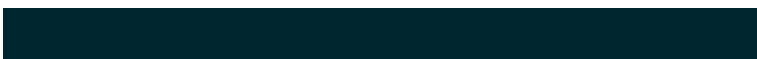
D3D7E1



676E70



008AB0



002630



# Inverse Universe

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



E1D3DE



FFEDFB



E1DDD3



70676E



B0008A

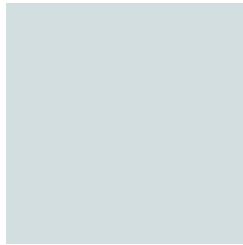


300026



# Previews

## White Background



This preview shows how the Hex color D3DEE1 looks on a white background.

## Color Contrast Check

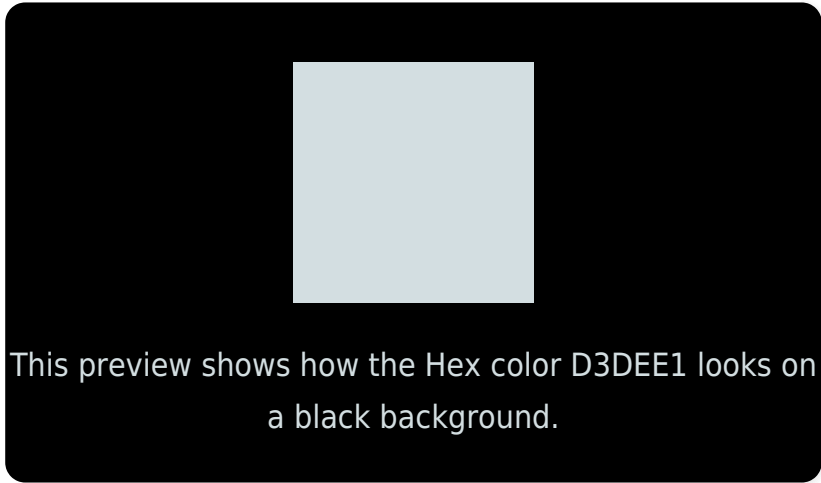
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

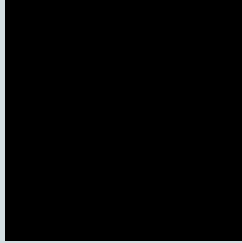
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

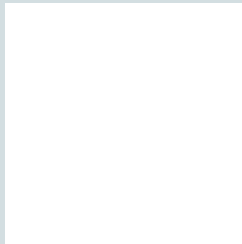
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3DEE1 Background



This preview shows how black text looks on a background with the Hex color D3DEE1.

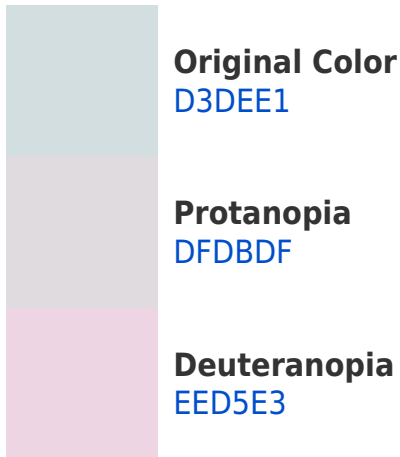


This preview shows how white text looks on a background with the Hex color D3DEE1.

# 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](#).

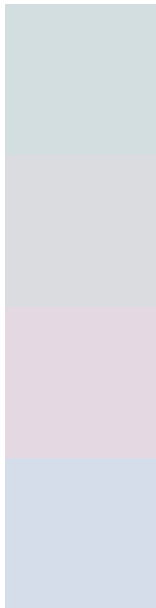
## Dichromacy





**Tritanopia**  
D5DCED

# Trichromacy



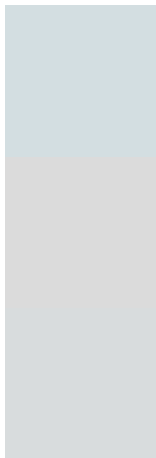
**Original Color**  
D3DEE1

**Protanomaly**  
DBDCE0

**Deuteranomaly**  
E4D8E2

**Tritanomaly**  
D4DDE9

# Monochromacy



**Original Color**  
D3DEE1

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D8DCDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3DEE1 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 #D3DEE1 looks like.

```
.text, #text, p{  
    color:#D3DEE1  
}
```

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 #D3DEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3DEE1
}
```

## Border

The CSS property to change the border of an element to Hex D3DEE1 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
#D3DEE1 }
```

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

```
.border{ border-color:#D3DEE1 }
```

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

Here you see how a box with a 4 pixel #D3DEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3DEE1; -webkit-box-shadow:4px 4px  
4px 4px #D3DEE1; box-shadow:4px 4px 4px  
4px #D3DEE1 }
```

# Background

The CSS property to change the background color of an element to Hex D3DEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3DEE1 }
```

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

```
.background{ background-color:#D3DEE1 }
```

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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