

# Converting Colors

Hex(D3E2E2)

Have a look what the booklet for  
Hex(D3E2E2) contains.

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# **Color**

**Hex(D3E2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E2E2
RGB	211, 226, 226
RGB Percent	83%, 89%, 89%
CMY	0.1725, 0.1137, 0.1137
CMYK	0.07, 0.00, 0.00, 0.11
HSL	180°, 21%, 86%
HSV	180°, 7%, 89%
XYZ	67.7878, 73.7326, 82.6105
YIQ	221.5150, -8.9400, -3.1800

# Conversions

## Conversions Part 2

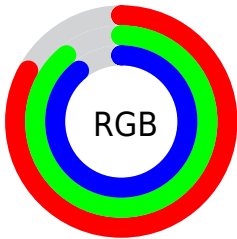
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 219, 226
Decimal	13886178
CIE <sub>Lab</sub>	88.80, -4.98, -1.73
CIE <sub>LCh</sub>	89, 5.273, 199.154
Yxy	73.7326, 0.3024, 0.3290
Android (android.graphics.Color)	4292076258 (0xFFD3E2E2)
YUV	221.5150, 2.2111, -9.2217
Hunter-Lab	85.8677, -9.3525, 3.0664

# Details

The Hex color **D3E2E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2D3D3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **9CABAB** is the 20% darker color. If you saturate the color by 10%, you get **BCE2E2**, and if you desaturate by 10%, it is **EAE2E2**.

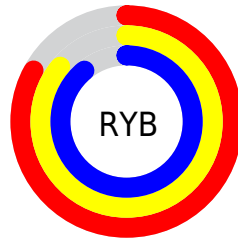
# Distribution



Red (83%)

Green (89%)

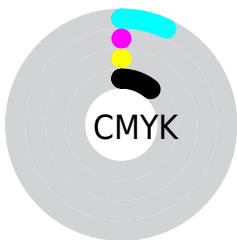
Blue (89%)



Red (83%)

Yellow (86%)

Blue (89%)

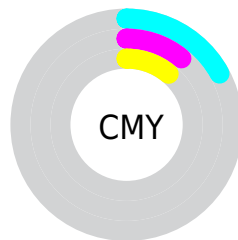


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (11%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E2E2 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 D3E2E2 by changing the saturation by 10% instead.



 D3E2E2

FFFFFF

 D3E2E2

 B7C6C6

 9CABAB

 829090

 697777

 515E5E

 3A4646

 243030

 101B1B

 000000

 D3E2E2

 D3E2E2

 BCE2E2

 EAE2E2

 A6E2E2

 FFE2E2

 8FE2E2

 79E2E2

 62E2E2

 4BE2E2

 35E2E2

 1EE2E2

 08E2E2

# Harmonies

## Analogous

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



D5E2DD



D3E2E2



D4E1E6

# Triad

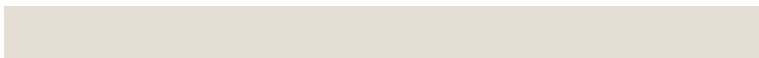
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3E2E2



E4DDE6



E5DED5

# Complementary

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



D3E2E2



E2D3D3

# 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.



E9DDD8



D3E2E2



E8DCE1

# Square

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



D3E2E2



DEDEE8



EADCDC



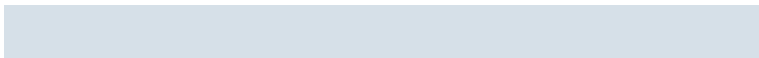
E0E0D5

# Rectangle

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



D3E2E2



D6E0E8



EADCDC



E7DDD6



# Sweetspot

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



D3E2E2



FAFFFF



D3E2D3



7D8080



000000



808080



# Same Dimension

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



D3E2E2



EBFFFF



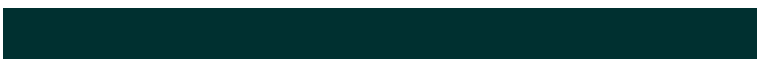
D3DBE2



657070



00B0B0



003030



# Inverse Universe

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



E2D3E2



FFEBFF



E2DBD3



706570



B000B0

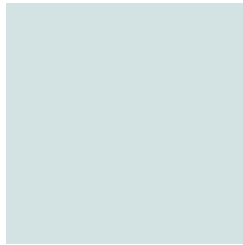


300030



# Previews

## White Background



This preview shows how the Hex color D3E2E2 looks on a white background.

## Color Contrast Check

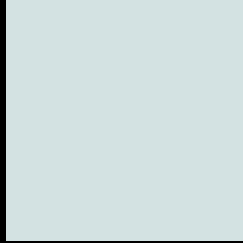
Large Text (above 18pt) WCAG AA × Fail

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 D3E2E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

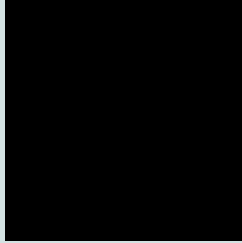
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

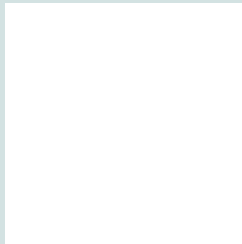
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3E2E2 Background



This preview shows how black text looks on a background with the Hex color D3E2E2.

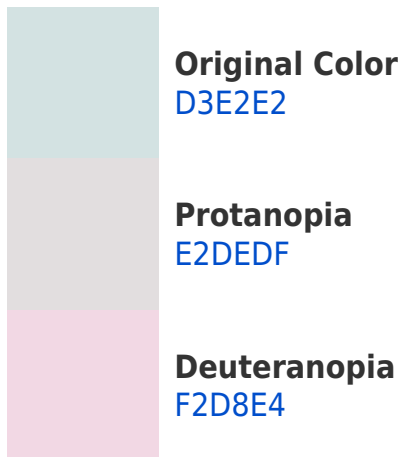


This preview shows how white text looks on a background with the Hex color D3E2E2.

# 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](#).

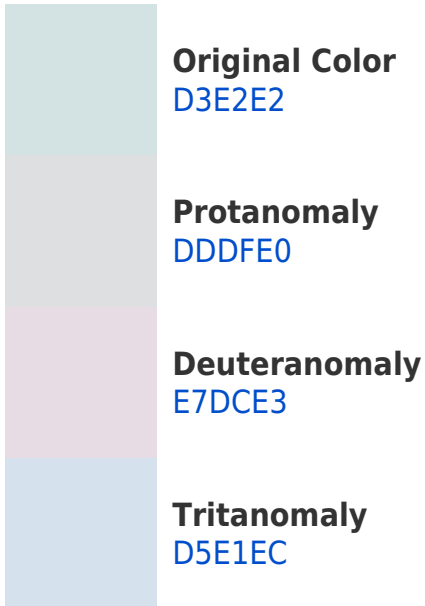
## Dichromacy



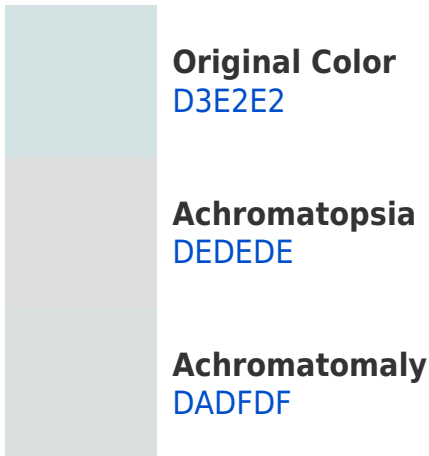


**Tritanopia**  
D6E0F1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3E2E2 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 #D3E2E2 looks like.

```
.text, #text, p{  
    color:#D3E2E2  
}
```

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 #D3E2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E2E2
}
```

## Border

The CSS property to change the border of an element to Hex D3E2E2 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
#D3E2E2 }
```

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

```
.border{ border-color:#D3E2E2 }
```

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

Here you see how a box with a 4 pixel #D3E2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E2E2; -webkit-box-shadow:4px 4px  
4px 4px #D3E2E2; box-shadow:4px 4px 4px  
4px #D3E2E2 }
```

# Background

The CSS property to change the background color of an element to Hex D3E2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E2E2 }
```

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

```
.background{ background-color:#D3E2E2 }
```

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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