

Converting Colors

Hex(DEE8E3)

Have a look what the booklet for
Hex(DEE8E3) contains.

Hex(DEE8E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEE8E3)

Conversions

Conversions Part 1

Format	Color
Hex	DEE8E3
RGB	222, 232, 227
RGB Percent	87%, 91%, 89%
CMY	0.1294, 0.0902, 0.1098
CMYK	0.04, 0.00, 0.02, 0.09
HSL	150°, 18%, 89%
HSV	150°, 4%, 91%
XYZ	72.8459, 78.7889, 84.0414
YIQ	228.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

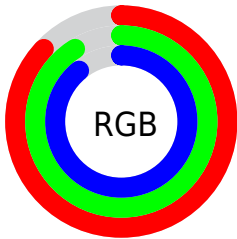
Format	Color
R _Y B	222, 229, 232
Decimal	14608611
CIE Lab	91.14, -4.23, 1.26
CIE LCh	91, 4.417, 163.400
Yxy	78.7889, 0.3091, 0.3343
Android (android.graphics.Color)	4292798691 (0xFFDEE8E3)
YUV	228.4400, -0.7099, -5.6479
Hunter-Lab	88.7631, -8.8444, 5.9980

Details

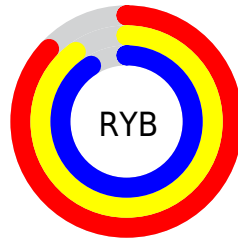
The Hex color **DEE8E3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E8DEE3**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **A7B0AC** is the 20% darker color. If you saturate the color by 10%, you get **C7E8D7**, and if you desaturate by 10%, it is **F5E8EF**.

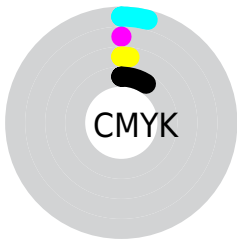
Distribution



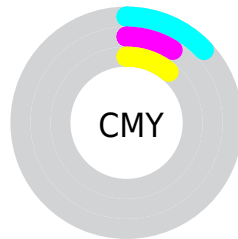
- Red (87%)
- Green (91%)
- Blue (89%)



- Red (87%)
- Yellow (90%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE8E3 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 DEE8E3 by changing the saturation by 10% instead.

■ DEE8E3

FFFFFF

■ DEE8E3

■ C2CCC7

■ A7B0AC

■ 8D9691

■ 737C78

■ 5A635F

■ 434B47

■ 2D3531

■ 181F1C

■ 000701

 DEE8E3

 DEE8E3

 C7E8D7

 F5E8EF

 B0E8CC

 FFE8FA

 98E8C0

 FFE8FF

 81E8B5

 6AE8A9

 53E89D

 3CE892

 24E886

 0DE87B

Harmonies

Analogous

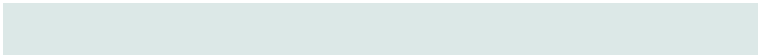
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2E7DF



DEE8E3



DCE8E7

Triad

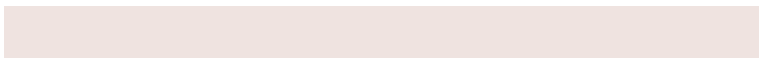
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEE8E3



E4E5EE



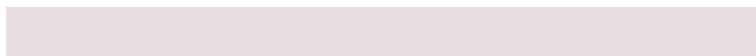
EFE3E0

Complementary

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



DEE8E3



E8DEE3

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.



EFE3E4



DEE8E3



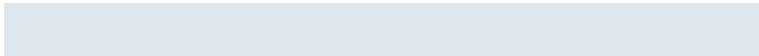
E9E4EC

Square

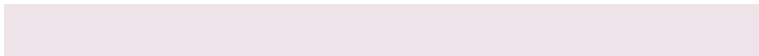
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



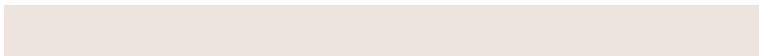
DEE8E3



DFE7EE



EDE3E8



ECE4DE

Rectangle

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



DEE8E3



DCE8EA



EDE3E8



EFE3E1

Sweetspot

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



DEE8E3



FCFFFE



E3E8DE



7E807F



000000



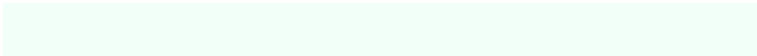
808080

Same Dimension

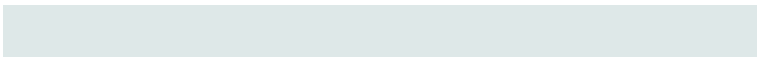
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEE8E3



F2FFF9



DEE8E8



6C736F



00B359



003319

Inverse Universe

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



E8DEE3



FFF2F9



E8DEDE



736C6F



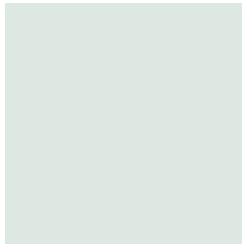
B30059



33001A

Previews

White Background



This preview shows how the Hex color DEE8E3 looks on a white background.

Color Contrast Check

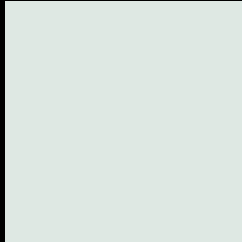
Large Text (above 18pt) WCAG AA × Fail

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 DEE8E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

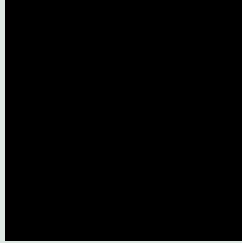
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

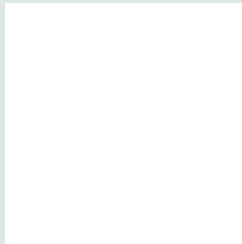
Any Text WCAG AAA ✓ Pass

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

Hex DEE8E3 Background



This preview shows how black text looks on a background with the Hex color DEE8E3.

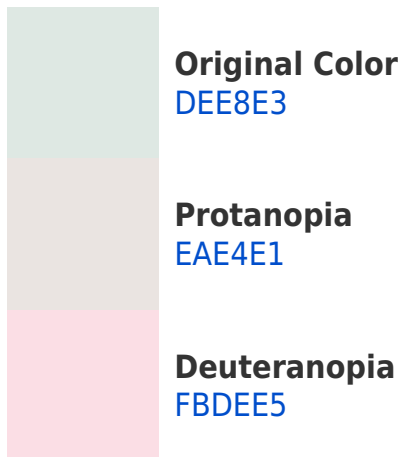


This preview shows how white text looks on a background with the Hex color DEE8E3.

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](#).

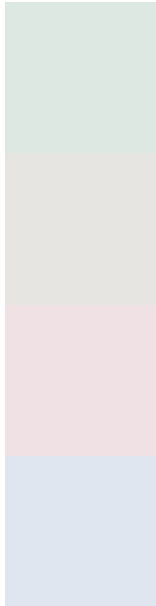
Dichromacy





Tritanopia
E1E5F7

Trichromacy



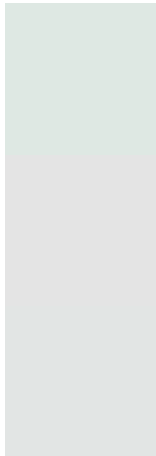
Original Color
DEE8E3

Protanomaly
E6E5E2

Deuteranomaly
F0E2E4

Tritanomaly
E0E6F0

Monochromacy



Original Color
DEE8E3

Achromatopsia
E4E4E4

Achromatomaly
E2E5E4

CSS Examples

Text

The CSS property to change the color of the text to Hex DEE8E3 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 #DEE8E3 looks like.

```
.text, #text, p{  
    color:#DEE8E3  
}
```

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 #DEE8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE8E3
}
```

Border

The CSS property to change the border of an element to Hex DEE8E3 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
#DEE8E3 }
```

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

```
.border{ border-color:#DEE8E3 }
```

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

Here you see how a box with a 4 pixel #DEE8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE8E3; -webkit-box-shadow:4px 4px  
4px 4px #DEE8E3; box-shadow:4px 4px 4px  
4px #DEE8E3 }
```

Background

The CSS property to change the background color of an element to Hex DEE8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE8E3 }
```

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

```
.background{ background-color:#DEE8E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor