

Converting Colors

Hex(DEE3E3)

Have a look what the booklet for
Hex(DEE3E3) contains.

Hex(DEE3E3)	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(D EE3E3)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3E3
RGB	222, 227, 227
RGB Percent	87%, 89%, 89%
CMY	0.1294, 0.1098, 0.1098
CMYK	0.02, 0.00, 0.00, 0.11
HSL	180°, 8%, 88%
HSV	180°, 2%, 89%
XYZ	71.4584, 76.0138, 83.5789
YIQ	225.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

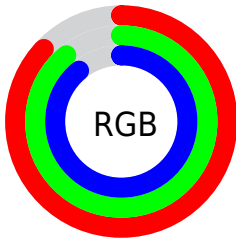
Format	Color
R _Y B	222, 225, 227
Decimal	14607331
CIE Lab	89.87, -1.67, -0.60
CIE LCh	90, 1.773, 199.625
Yxy	76.0138, 0.3093, 0.3290
Android (android.graphics.Color)	4292797411 (0xFFDEE3E3)
YUV	225.5050, 0.7370, -3.0739
Hunter-Lab	87.1859, -6.2750, 4.1930

Details

The Hex color **DEE3E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DEDE**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A7ACAC** is the 20% darker color. If you saturate the color by 10%, you get **C7E3E3**, and if you desaturate by 10%, it is **F5E3E3**.

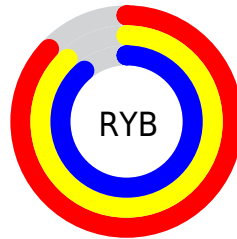
Distribution



Red (87%)

Green (89%)

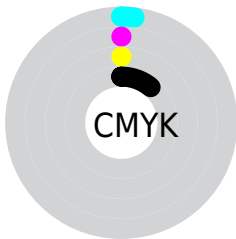
Blue (89%)



Red (87%)

Yellow (88%)

Blue (89%)

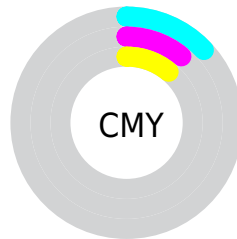


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE3E3 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 DEE3E3 by changing the saturation by 10% instead.

■ DEE3E3

FFFFFF

■ DEE3E3

■ C2C7C7

■ A7ACAC

■ 8D9191

■ 737878

■ 5B5F5F

■ 434747

■ 2D3131

■ 181C1C

■ 000001

 DEE3E3

 DEE3E3

 C7E3E3

 F5E3E3

 B1E3E3

 FFE3E3

 9AE3E3

 83E3E3

 6DE3E3

 56E3E3

 3FE3E3

 28E3E3

 12E3E3

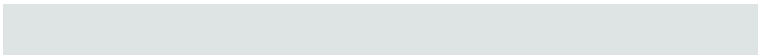
Harmonies

Analogous

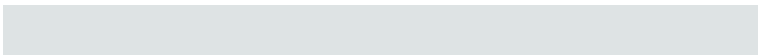
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DFE3E1



DEE3E3



DEE3E4

Triad

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



DEE3E3



E4E1E4



E4E2DF

Complementary

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



DEE3E3



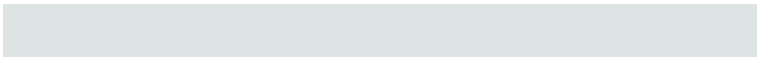
E3DEDE

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.



E5E1DF



DEE3E3



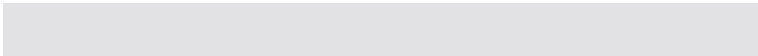
E5E1E3

Square

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



DEE3E3



E2E2E5



E6E1E1



E2E2DF

Rectangle

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



DEE3E3



DFE2E5



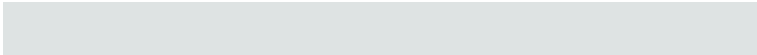
E6E1E1



E5E1DF

Sweetspot

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



DEE3E3



FCFFFF



DEE3DE



7E8080



000000



808080

Same Dimension

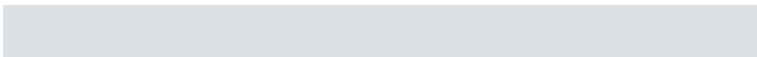
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEE3E3



F7FFFF



DEE1E3



6E7373



00B3B3



003333

Inverse Universe

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



E3DEE3



FFF7FF



E3E1DE



736E73



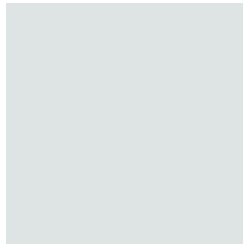
B300B3



330033

Previews

White Background



This preview shows how the Hex color DEE3E3 looks on a white background.

Color Contrast Check

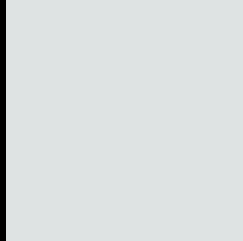
Large Text (above 18pt) WCAG AA × Fail

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 DEE3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

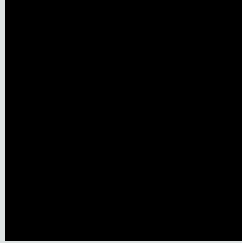
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

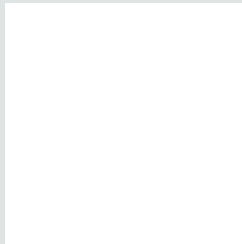
Any Text WCAG AAA ✓ Pass

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

Hex DEE3E3 Background



This preview shows how black text looks on a background with the Hex color DEE3E3.



This preview shows how white text looks on a background with the Hex color DEE3E3.

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](#).

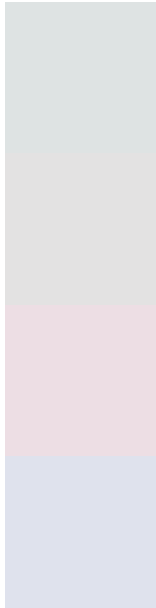
Dichromacy





Tritanopia
E0E1F2

Trichromacy



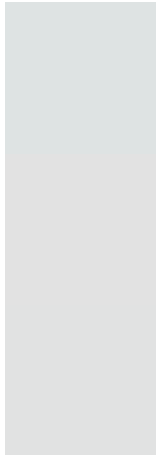
Original Color
DDE3E3

Protanomaly
E3E2E2

Deuteranomaly
EDDEE4

Tritanomaly
DFE2ED

Monochromacy



Original Color
DDE3E3

Achromatopsia
E2E2E2

Achromatomaly
E1E2E2

CSS Examples

Text

The CSS property to change the color of the text to Hex DEE3E3 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 #DEE3E3 looks like.

```
.text, #text, p{  
    color:#DEE3E3  
}
```

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 #DEE3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE3E3
}
```

Border

The CSS property to change the border of an element to Hex DEE3E3 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
#DEE3E3 }
```

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

```
.border{ border-color:#DEE3E3 }
```

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

Here you see how a box with a 4 pixel #DEE3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE3E3; -webkit-box-shadow:4px 4px  
4px 4px #DEE3E3; box-shadow:4px 4px 4px  
4px #DEE3E3 }
```

Background

The CSS property to change the background color of an element to Hex DEE3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE3E3 }
```

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

```
.background{ background-color:#DEE3E3 }
```

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