

Converting Colors

Hex(DCE3E2)

Have a look what the booklet for
Hex(DCE3E2) contains.

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Color

Hex(DCE3E2)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3E2
RGB	220, 227, 226
RGB Percent	86%, 89%, 89%
CMY	0.1373, 0.1098, 0.1137
CMYK	0.03, 0.00, 0.00, 0.11
HSL	171°, 11%, 88%
HSV	171°, 3%, 89%
XYZ	70.7118, 75.6448, 82.8255
YIQ	224.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

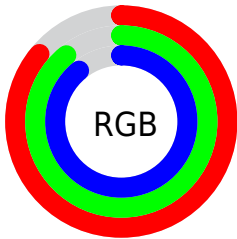
Format	Color
R _Y B	220, 224, 227
Decimal	14476258
CIE Lab	89.69, -2.52, -0.34
CIE LCh	90, 2.542, 187.673
Yxy	75.6448, 0.3085, 0.3301
Android (android.graphics.Color)	4292666338 (0xFFDCE3E2)
YUV	224.7930, 0.5951, -4.2035
Hunter-Lab	86.9740, -7.0802, 4.4198

Details

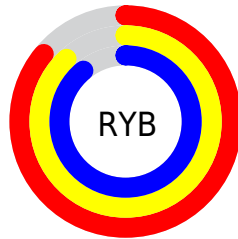
The Hex color **DCE3E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DCDD**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ACAB** is the 20% darker color. If you saturate the color by 10%, you get **C5E3DF**, and if you desaturate by 10%, it is **F3E3E5**.

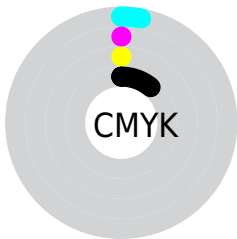
Distribution



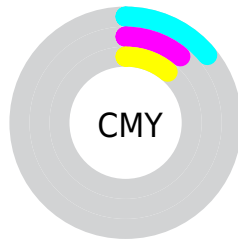
- Red (86%)
- Green (89%)
- Blue (89%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE3E2 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 DCE3E2 by changing the saturation by 10% instead.

 DCE3E2


FFFFFF

 DCE3E2

 C0C7C6

 A5ACAB

 8B9190

 717877

 595F5E

 414746

 2B3130

 171C1B

 000000

 DCE3E2

 DCE3E2

 C5E3DF

 F3E3E5

 AFE3DC

 FFE3E8

 98E3D8

 FFE3EC

 81E3D5

 FFE3EF

 6BE3D2

 FFE3F2

 54E3CF

 FFE3F5

 3DE3CB

 FFE3F9

 26E3C8

 FFE3FC

 10E3C5

 FFE3FF

Harmonies

Analogous

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



DEE3E0



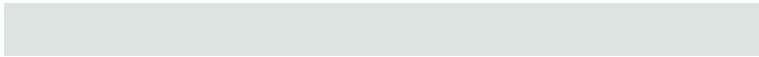
DCE3E2



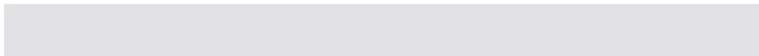
DCE3E4

Triad

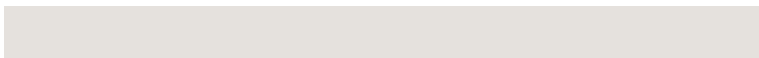
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE3E2



E3E1E5



E5E1DD

Complementary

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



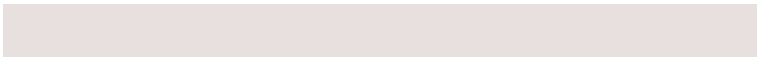
DCE3E2



E3DCDD

Split Complementary

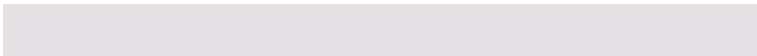
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E7E0DF



DCE3E2



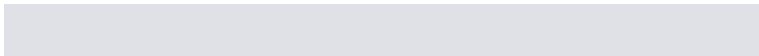
E5E0E3

Square

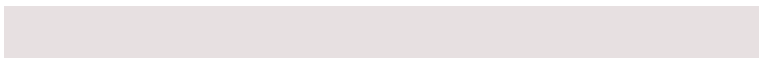
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE3E2



E0E1E6



E7E0E1



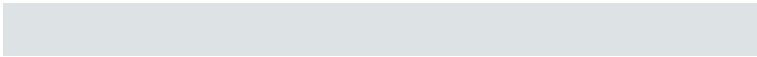
E3E1DD

Rectangle

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



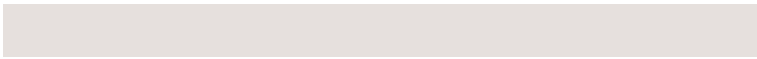
DCE3E2



DDE2E5



E7E0E1



E6E0DD

Sweetspot

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



DCE3E2



FCFFFF



DDE3DC



7E807F



000000



808080

Same Dimension

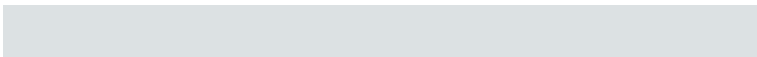
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DCE3E2



F5FFFE



DCE1E3



6D7372



00B399



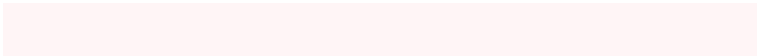
00332C

Inverse Universe

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



E3DCDD



FFF5F6



E3DEDC



736D6E



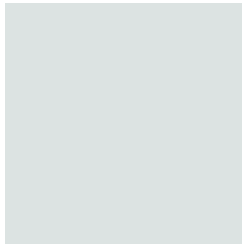
B30019



330007

Previews

White Background



This preview shows how the Hex color DCE3E2 looks on a white background.

Color Contrast Check

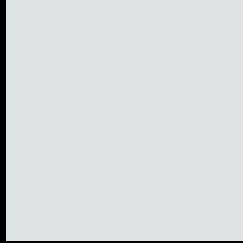
Large Text (above 18pt) WCAG AA × Fail

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 DCE3E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

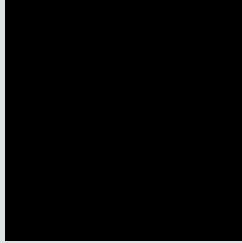
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

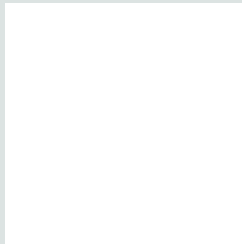
Any Text WCAG AAA ✓ Pass

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

Hex DCE3E2 Background



This preview shows how black text looks on a background with the Hex color DCE3E2.

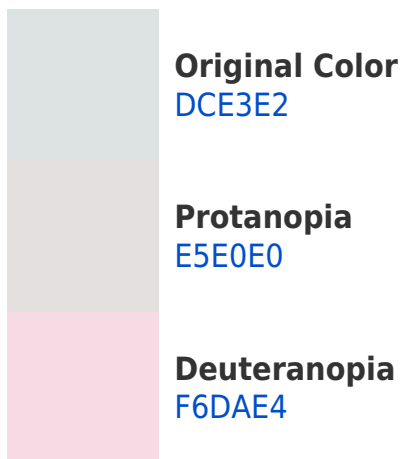


This preview shows how white text looks on a background with the Hex color DCE3E2.

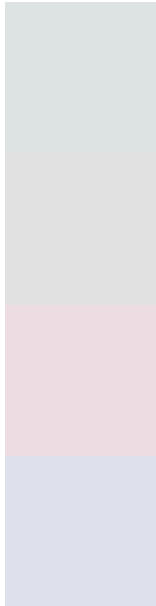
Color Blindness Simulation

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



Trichromacy



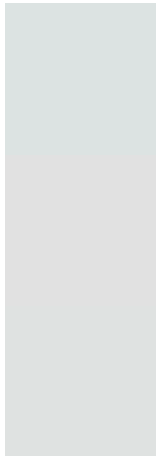
Original Color
DCE3E2

Protanomaly
E2E1E1

Deuteranomaly
EDDDE3

Tritanomaly
DEE1EC

Monochromacy



Original Color
DCE3E2

Achromatopsia
E1E1E1

Achromatomaly
DFE2E1

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE3E2 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 #DCE3E2 looks like.

```
.text, #text, p{  
    color:#DCE3E2  
}
```

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 #DCE3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE3E2
}
```

Border

The CSS property to change the border of an element to Hex DCE3E2 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
#DCE3E2 }
```

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

```
.border{ border-color:#DCE3E2 }
```

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

Here you see how a box with a 4 pixel #DCE3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE3E2; -webkit-box-shadow:4px 4px  
4px 4px #DCE3E2; box-shadow:4px 4px 4px  
4px #DCE3E2 }
```

Background

The CSS property to change the background color of an element to Hex DCE3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE3E2 }
```

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

```
.background{ background-color:#DCE3E2 }
```

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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