

Converting Colors

Hex(DCE4E8)

Have a look what the booklet for
Hex(DCE4E8) contains.

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Color

Hex(DCE4E8)

Conversions

Conversions Part 1

Format	Color
Hex	DCE4E8
RGB	220, 228, 232
RGB Percent	86%, 89%, 91%
CMY	0.1373, 0.1059, 0.0902
CMYK	0.05, 0.02, 0.00, 0.09
HSL	200°, 21%, 89%
HSV	200°, 5%, 91%
XYZ	71.8241, 76.5286, 87.3299
YIQ	226.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

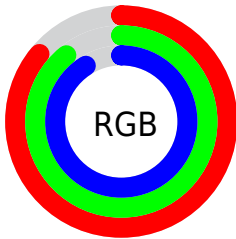
Format	Color
R _Y B	220, 225, 232
Decimal	14476520
CIE Lab	90.10, -1.92, -2.88
CIE LCh	90, 3.467, 236.292
Yxy	76.5286, 0.3047, 0.3247
Android (android.graphics.Color)	4292666600 (0xFFDCE4E8)
YUV	226.0640, 2.9264, -5.3181
Hunter-Lab	87.4807, -6.5376, 2.0486

Details

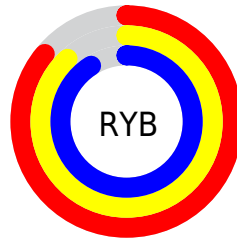
The Hex color **DCE4E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8E0DC**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ADB0** is the 20% darker color. If you saturate the color by 10%, you get **C5DCE8**, and if you desaturate by 10%, it is **F3ECE8**.

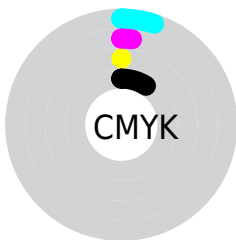
Distribution



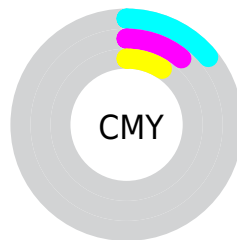
- Red (86%)
- Green (89%)
- Blue (91%)



- Red (86%)
- Yellow (88%)
- Blue (91%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE4E8 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 DCE4E8 by changing the saturation by 10% instead.

 DCE4E8


FFFFFF

 DCE4E8

 C0C8CC

 A5ADB0

 8B9296

 71787C

 596063

 41484B

 2B3235

 171D1F

 000107

 DCE4E8

 DCE4E8

 C5DCE8

 F3ECE8

 AED5E8

 FFF3E8

 96CDE8

 FFFBE8

 7FC5E8

 FFFF E8

 68BDE8

 51B6E8

 3AAEE8

 22A6E8

 0B9EE8

Harmonies

Analogous

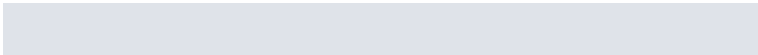
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBE5E5



DCE4E8



DFE3E9

Triad

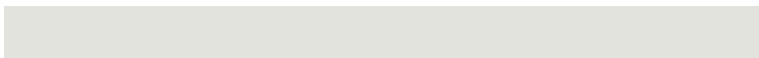
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE4E8



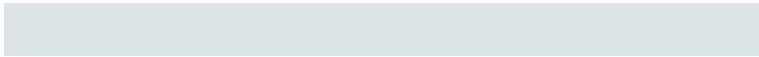
E9E1E3



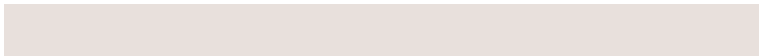
E2E3DD

Complementary

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



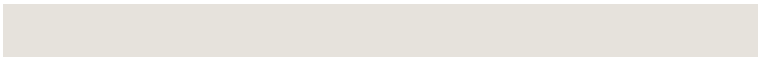
DCE4E8



E8E0DC

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.



E6E2DC



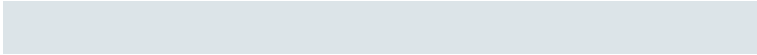
DCE4E8



EAE1E0

Square

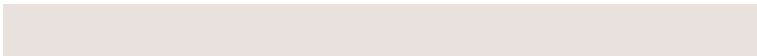
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE4E8



E7E1E6



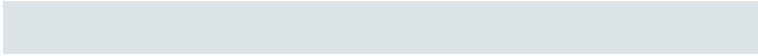
E9E1DD



DEE4DF

Rectangle

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



DCE4E8



E2E2E9



E9E1DD



E4E3DC

Sweetspot

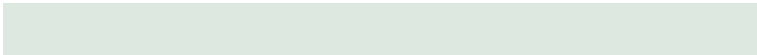
The Sweet Spot groups the original color and five complimentary colors.



DCE4E8



FAFDFF



DCE8E0



7D7F80



000000



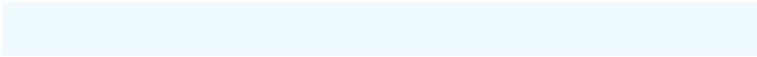
808080

Same Dimension

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



DCE4E8



F0FAFF



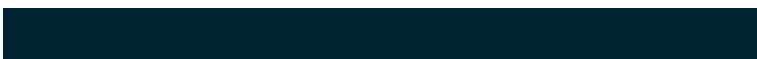
DCDEE8



6B7073



0077B3



002233

Inverse Universe

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



E8DCE4



FFF0FA



E8E6DC



736B70



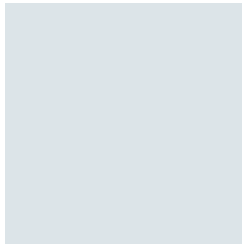
B30077



330022

Previews

White Background



This preview shows how the Hex color DCE4E8 looks on a white background.

Color Contrast Check

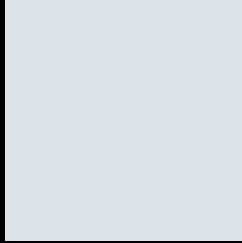
Large Text (above 18pt) WCAG AA × Fail

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 DCE4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

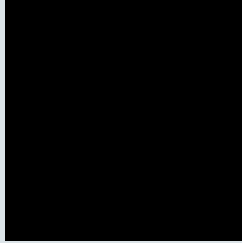
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

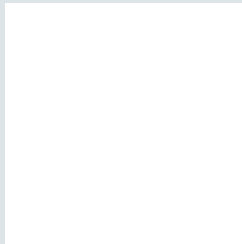
Any Text WCAG AAA ✓ Pass

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

Hex DCE4E8 Background



This preview shows how black text looks on a background with the Hex color DCE4E8.

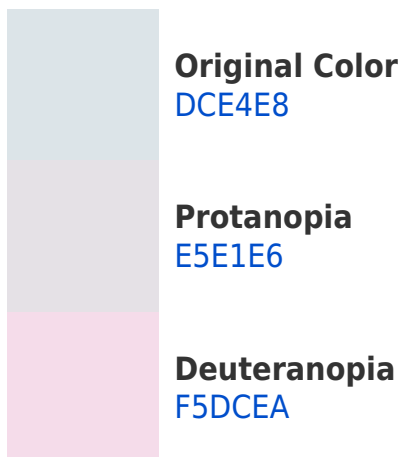


This preview shows how white text looks on a background with the Hex color DCE4E8.

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](#).

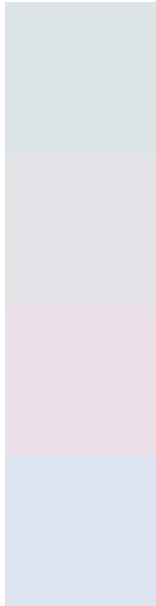
Dichromacy





Tritanopia
DEE2F4

Trichromacy



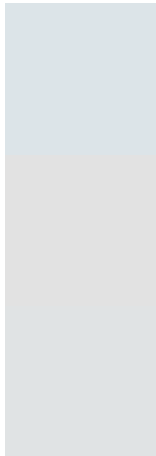
Original Color
DCE4E8

Protanomaly
E2E2E7

Deuteranomaly
ECDFE9

Tritanomaly
DDE3F0

Monochromacy



Original Color
DCE4E8

Achromatopsia
E2E2E2

Achromatomaly
E0E3E4

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE4E8 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 #DCE4E8 looks like.

```
.text, #text, p{  
    color:#DCE4E8  
}
```

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 #DCE4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE4E8
}
```

Border

The CSS property to change the border of an element to Hex DCE4E8 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
#DCE4E8 }
```

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

```
.border{ border-color:#DCE4E8 }
```

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

Here you see how a box with a 4 pixel #DCE4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE4E8; -webkit-box-shadow:4px 4px  
4px 4px #DCE4E8; box-shadow:4px 4px 4px  
4px #DCE4E8 }
```

Background

The CSS property to change the background color of an element to Hex DCE4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE4E8 }
```

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

```
.background{ background-color:#DCE4E8 }
```

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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