

Converting Colors

Hex(DCE3DF)

Have a look what the booklet for
Hex(DCE3DF) contains.

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Color

Hex(DCE3DF)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3DF
RGB	220, 227, 223
RGB Percent	86%, 89%, 87%
CMY	0.1373, 0.1098, 0.1255
CMYK	0.03, 0.00, 0.02, 0.11
HSL	146°, 11%, 88%
HSV	146°, 3%, 89%
XYZ	70.3036, 75.4815, 80.6760
YIQ	224.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

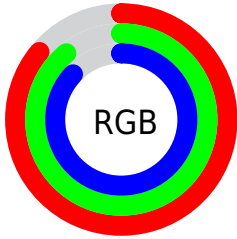
Format	Color
RYB	220, 225, 227
Decimal	14476255
CIELab	89.62, -3.07, 1.12
CIELCh	90, 3.264, 159.886
Yxy	75.4815, 0.3104, 0.3333
Android (android.graphics.Color)	4292666335 (0xFFDCE3DF)
YUV	224.4510, -0.7153, -3.9035
Hunter-Lab	86.8801, -7.5976, 5.7599

Details

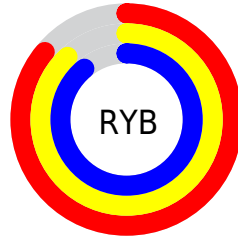
The Hex color **DCE3DF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DCE0**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ACA8** is the 20% darker color. If you saturate the color by 10%, you get **C5E3D2**, and if you desaturate by 10%, it is **F3E3EC**.

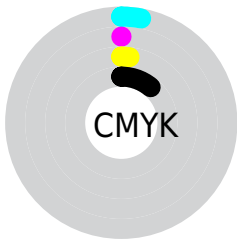
Distribution



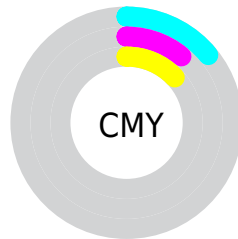
- Red (86%)
- Green (89%)
- Blue (87%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE3DF 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 DCE3DF by changing the saturation by 10% instead.

 DCE3DF


FFFFFF

 DCE3DF

 C0C7C3

 A5ACA8

 8B918D

 717774

 595F5B

 414744

 2B312E

 171C19

 000000

 DCE3DF

 DCE3DF

 C5E3D2

 F3E3EC

 AFE3C5

 FFE3F9

 98E3B8

 FFE3FF

 81E3AB

 6BE39E

 54E391

 3DE384

 26E377

 10E36A

Harmonies

Analogous

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



DFE2DC



DCE3DF



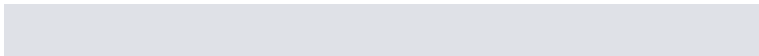
DAE3E2

Triad

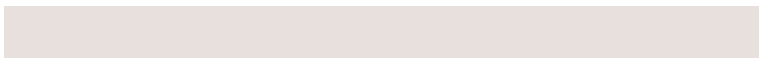
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE3DF



DFE1E7



E8E0DD

Complementary

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



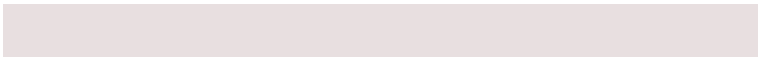
DCE3DF



E3DCE0

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.



E8DFE0



DCE3DF



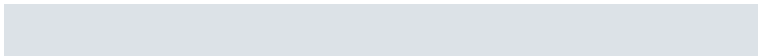
E3E0E6

Square

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



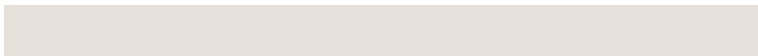
DCE3DF



DCE2E7



E6DFE3



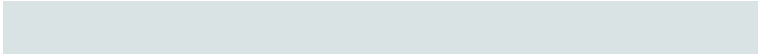
E6E0DB

Rectangle

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



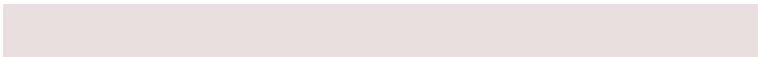
DCE3DF



DAE3E4



E6DFE3



E8DFDE

Sweetspot

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



DCE3DF



FCFFFE



E0E3DC



7E807F



000000



808080

Same Dimension

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



DCE3DF



F5FFF9



DCE3E2



6D736F



00B34C



003316

Inverse Universe

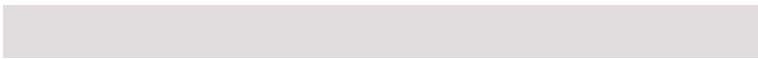
The Inverse Universe completely reimagines the original color for something new.



E3DCE0



FFF5FB



E3DCDD



736D70



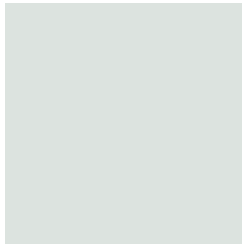
B30066



33001D

Previews

White Background



This preview shows how the Hex color DCE3DF looks on a white background.

Color Contrast Check

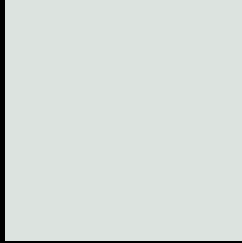
Large Text (above 18pt) WCAG AA × Fail

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 DCE3DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

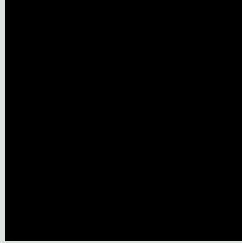
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

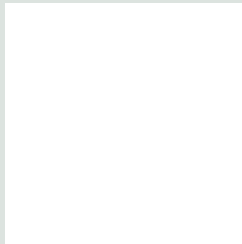
Any Text WCAG AAA ✓ Pass

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

Hex DCE3DF Background



This preview shows how black text looks on a background with the Hex color DCE3DF.

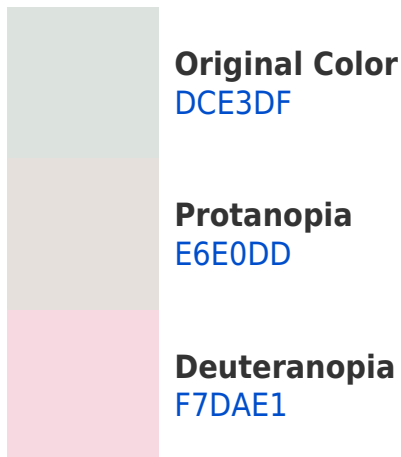


This preview shows how white text looks on a background with the Hex color DCE3DF.

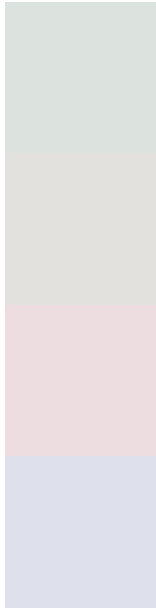
Color Blindness Simulation

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



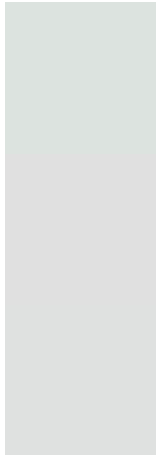
Original Color
DCE3DF

Protanomaly
E2E1DE

Deuteranomaly
EDDDE0

Tritanomaly
DEE1EB

Monochromacy



Original Color
DCE3DF

Achromatopsia
E0E0E0

Achromatomaly
DFE1E0

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE3DF 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 #DCE3DF looks like.

```
.text, #text, p{  
    color:#DCE3DF  
}
```

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 #DCE3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE3DF
}
```

Border

The CSS property to change the border of an element to Hex DCE3DF 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
#DCE3DF }
```

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

```
.border{ border-color:#DCE3DF }
```

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

Here you see how a box with a 4 pixel #DCE3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE3DF; -webkit-box-shadow:4px 4px  
4px 4px #DCE3DF; box-shadow:4px 4px 4px  
4px #DCE3DF }
```

Background

The CSS property to change the background color of an element to Hex DCE3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE3DF }
```

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

```
.background{ background-color:#DCE3DF }
```

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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