

# Converting Colors

Hex(DCE4E6)

Have a look what the booklet for  
Hex(DCE4E6) contains.

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# **Color**

**Hex(DCE4E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE4E6
RGB	220, 228, 230
RGB Percent	86%, 89%, 90%
CMY	0.1373, 0.1059, 0.0980
CMYK	0.04, 0.01, 0.00, 0.10
HSL	192°, 17%, 88%
HSV	192°, 4%, 90%
XYZ	71.5415, 76.4156, 85.8420
YIQ	225.8360, -5.4100, -1.0740

# Conversions

## Conversions Part 2

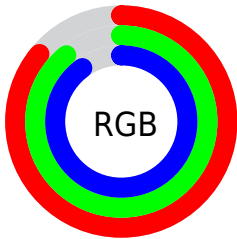
Format	Color
R <sub>Y</sub> B	220, 224, 230
Decimal	14476518
CIE Lab	90.05, -2.30, -1.91
CIE LCh	90, 2.989, 219.787
Yxy	76.4156, 0.3060, 0.3268
Android (android.graphics.Color)	4292666598 (0xFFDCE4E6)
YUV	225.8360, 2.0529, -5.1182
Hunter-Lab	87.4160, -6.8931, 2.9688

# Details

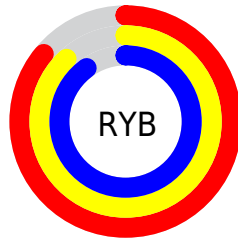
The Hex color **DCE4E6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DEDC**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ADAF** is the 20% darker color. If you saturate the color by 10%, you get **C5DFE6**, and if you desaturate by 10%, it is **F3E9E6**.

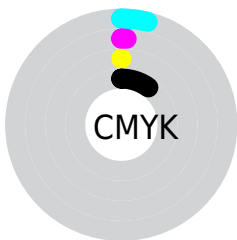
# Distribution



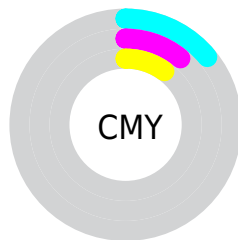
- Red (86%)
- Green (89%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE4E6 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 DCE4E6 by changing the saturation by 10% instead.



 DCE4E6


FFFFFF

 DCE4E6

 C0C8CA

 A5ADAF


 8B9294

 71787A

 596061

 41484A

 2B3233

 171D1E

 000105

 DCE4E6

 DCE4E6

 C5DFE6

 F3E9E6

 AEDBE6

 FFEDE6

 97D6E6

 FFF2E6

 80D2E6

 FFF6E6

 69CDE6

 FFFBE6

 52C8E6

 FFFF6E6

 3BC4E6

 24BFE6

 0DBBE6

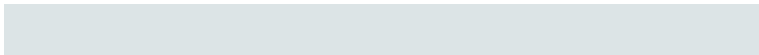
# Harmonies

## Analogous

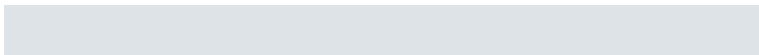
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCE4E3



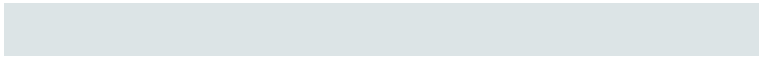
DCE4E6



DEE3E8

# Triad

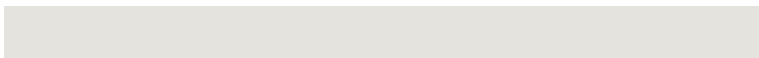
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE4E6



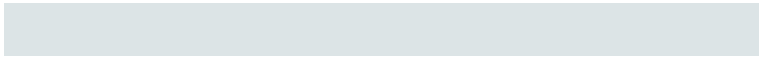
E7E1E5



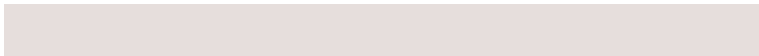
E4E3DD

# Complementary

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



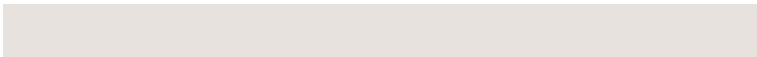
DCE4E6



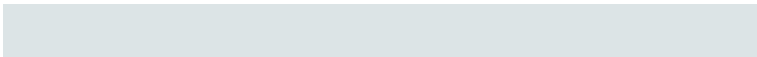
E6DEDC

# 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.



E7E2DD



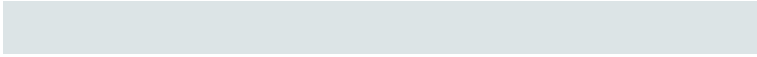
DCE4E6



E9E1E2

# Square

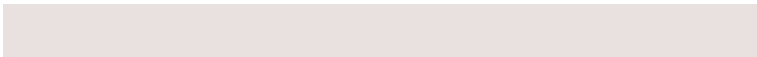
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE4E6



E4E1E7



E9E1DF



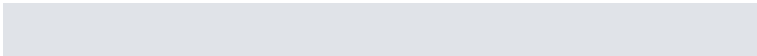
E1E3DE

# Rectangle

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



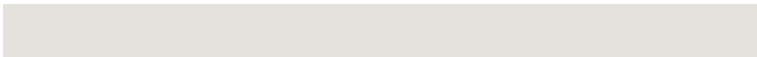
DCE4E6



E0E3E8



E9E1DF



E5E2DD



# Sweetspot

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



DCE4E6



FCFEFF



DCE6DE



7E7F80



000000

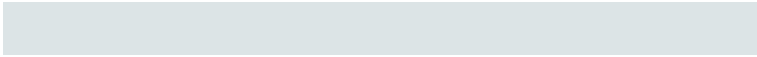


808080

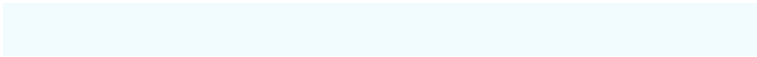


# Same Dimension

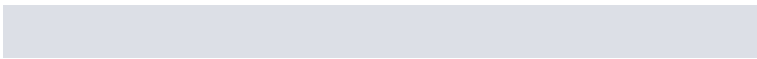
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DCE4E6



F2FCFF



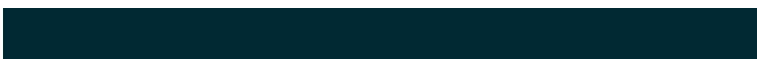
DCDFE6



6C7173



008FB3



002933



# Inverse Universe

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



E6DCE4



FFF2FC



E6E3DC



736C71



B3008F

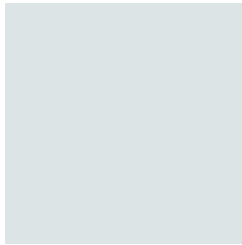


330029



# Previews

## White Background



This preview shows how the Hex color DCE4E6 looks on a white background.

## Color Contrast Check

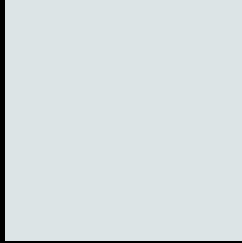
Large Text (above 18pt) WCAG AA × Fail

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 DCE4E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

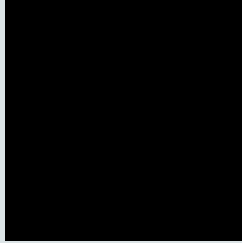
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

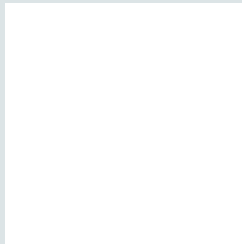
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCE4E6 Background



This preview shows how black text looks on a background with the Hex color DCE4E6.



This preview shows how white text looks on a background with the Hex color DCE4E6.

# 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](#).

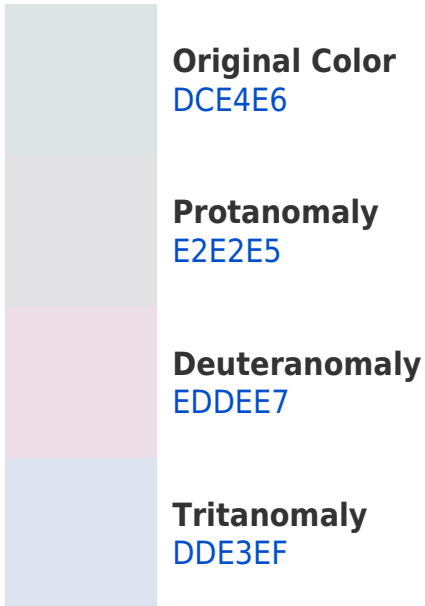
## Dichromacy



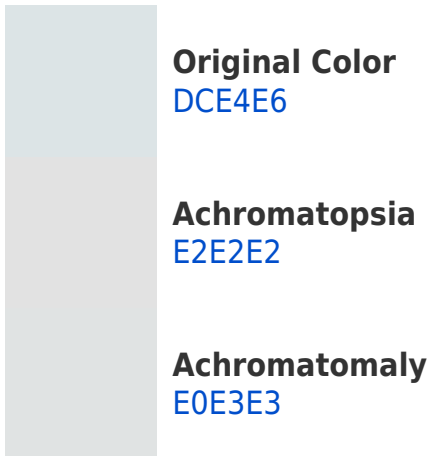


**Tritanopia**  
DEE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE4E6 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 #DCE4E6 looks like.

```
.text, #text, p{  
    color:#DCE4E6  
}
```

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 #DCE4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE4E6
}
```

## Border

The CSS property to change the border of an element to Hex DCE4E6 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
#DCE4E6 }
```

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

```
.border{ border-color:#DCE4E6 }
```

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

Here you see how a box with a 4 pixel #DCE4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE4E6; -webkit-box-shadow:4px 4px  
4px 4px #DCE4E6; box-shadow:4px 4px 4px  
4px #DCE4E6 }
```

# Background

The CSS property to change the background color of an element to Hex DCE4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE4E6 }
```

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

```
.background{ background-color:#DCE4E6 }
```

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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