

# Converting Colors

Hex(DCEAE0)

Have a look what the booklet for  
Hex(DCEAE0) contains.

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# **Color**

**Hex(DCEAE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEAE0
RGB	220, 234, 224
RGB Percent	86%, 92%, 88%
CMY	0.1373, 0.0824, 0.1216
CMYK	0.06, 0.00, 0.04, 0.08
HSL	137°, 25%, 89%
HSV	137°, 6%, 92%
XYZ	72.3926, 79.4431, 82.0396
YIQ	228.6740, -5.1340, -6.0780

# Conversions

## Conversions Part 2

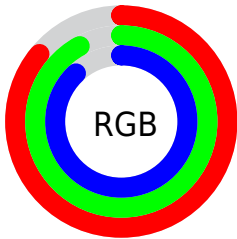
Format	Color
R <sub>Y</sub> B	220, 231, 234
Decimal	14478048
CIE Lab	91.43, -6.46, 3.24
CIE LCh	91, 7.226, 153.359
Yxy	79.4431, 0.3095, 0.3397
Android (android.graphics.Color)	4292668128 (0xFFDCEAE0)
YUV	228.6740, -2.3043, -7.6071
Hunter-Lab	89.1309, -11.0003, 7.8187

# Details

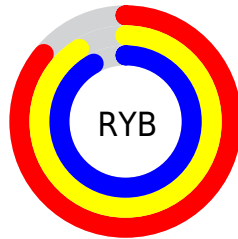
The Hex color **DCEAE0** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EADCE6**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B2A9** is the 20% darker color. If you saturate the color by 10%, you get **C5EACF**, and if you desaturate by 10%, it is **F3EAF1**.

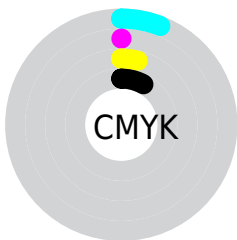
# Distribution



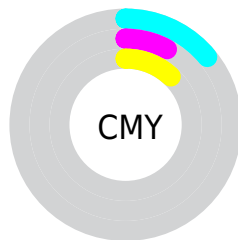
- Red (86%)
- Green (92%)
- Blue (88%)



- Red (86%)
- Yellow (91%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCEAE0 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 DCEAE0 by changing the saturation by 10% instead.



 DCEAE0


FFFFFF

 DCEAE0

 C0CEC4

 A5B2A9

 8B988E

 717E75

 59655C

 414D45

 2B362E

 16211A

 000A00

 DCEAE0

 DCEAE0

 C5EACF

 F3EAF1

 ADEABF

 FFEAFF

 96EAAE

 7EEA9D

 67EA8C

 50EA7C

 38EA6B

 21EA5A

 09EA4A

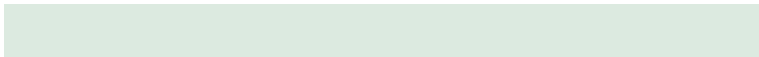
# Harmonies

## Analogous

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



E4E8DB



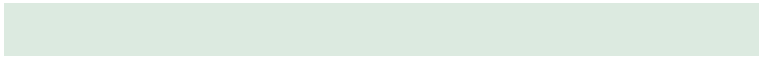
DCEAE0



D7EBE7

# Triad

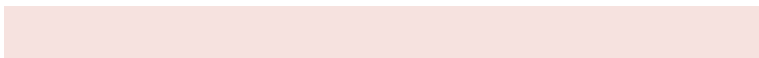
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEAE0



E0E7F4



F6E2DF

# Complementary

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



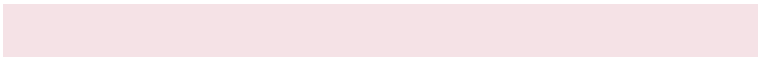
DCEAE0



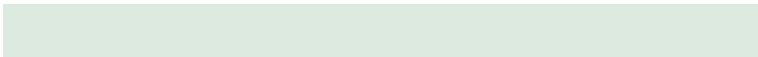
EADCE6

# 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.



F5E2E6



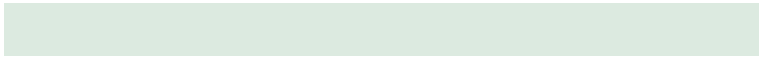
DCEAE0



E9E4F2

# Square

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



DCEAE0



D9E9F3



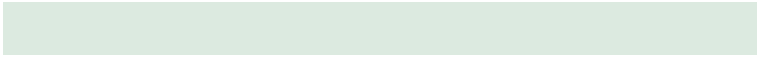
F0E3ED



F2E4DA

# Rectangle

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



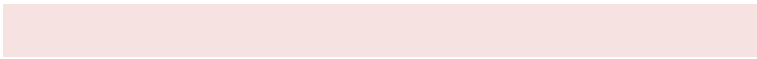
DCEAE0



D6EBEC



F0E3ED

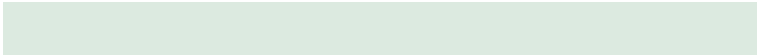


F6E2E1



# Sweetspot

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



DCEAE0



FAFFFB



E6EADC



7D807E



000000



808080



# Same Dimension

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



DCEAE0



EDFFF2



DCEAE7



6C756F



00B534



00360F



# Inverse Universe

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



EADCE6



FFEDFA



EADCDF



756C73



B50081

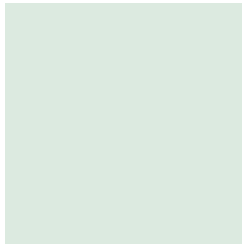


360026



# Previews

## White Background



This preview shows how the Hex color DCEAE0 looks on a white background.

## Color Contrast Check

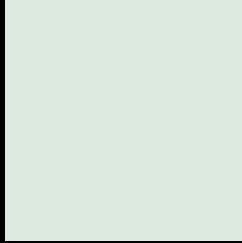
Large Text (above 18pt) WCAG AA × Fail

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 DCEAE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

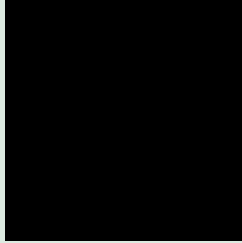
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

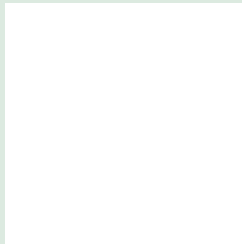
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCEAE0 Background



This preview shows how black text looks on a background with the Hex color DCEAE0.

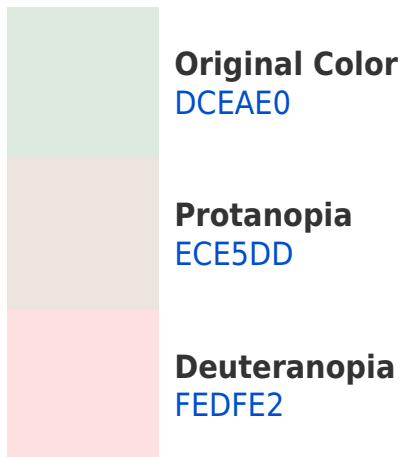


This preview shows how white text looks on a background with the Hex color DCEAE0.

# 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**  
E0E6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCEAE0 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 #DCEAE0 looks like.

```
.text, #text, p{  
    color:#DCEAE0  
}
```

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 #DCEAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEAE0  
}
```

## Border

The CSS property to change the border of an element to Hex DCEAE0 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  
#DCEAE0 }
```

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

```
.border{ border-color:#DCEAE0 }
```

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

Here you see how a box with a 4 pixel #DCEAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEAE0; -webkit-box-shadow:4px 4px  
4px 4px #DCEAE0; box-shadow:4px 4px 4px  
4px #DCEAE0 }
```

# Background

The CSS property to change the background color of an element to Hex DCEAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEAE0 }
```

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

```
.background{ background-color:#DCEAE0 }
```

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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