

# Converting Colors

Hex(DCE2DC)

Have a look what the booklet for  
Hex(DCE2DC) contains.

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# **Color**

**Hex(DCE2DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE2DC
RGB	220, 226, 220
RGB Percent	86%, 89%, 86%
CMY	0.1373, 0.1137, 0.1373
CMYK	0.03, 0.00, 0.03, 0.11
HSL	120°, 9%, 87%
HSV	120°, 3%, 89%
XYZ	69.6298, 74.7757, 78.4734
YIQ	223.5220, -1.6500, -3.1380

# Conversions

## Conversions Part 2

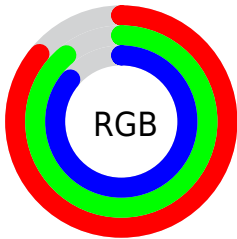
Format	Color
R <sub>Y</sub> B	220, 226, 226
Decimal	14475996
CIE Lab	89.29, -3.09, 2.22
CIE LCh	89, 3.803, 144.368
Yxy	74.7757, 0.3124, 0.3355
Android (android.graphics.Color)	4292666076 (0xFFDCE2DC)
YUV	223.5220, -1.7363, -3.0888
Hunter-Lab	86.4729, -7.5956, 6.7259

# Details

The Hex color **DCE2DC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2DCE2**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ABA5** is the 20% darker color. If you saturate the color by 10%, you get **C5E2C5**, and if you desaturate by 10%, it is **F3E2F3**.

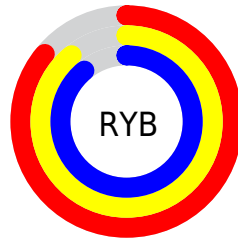
# Distribution



Red (86%)

Green (89%)

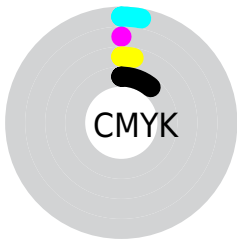
Blue (86%)



Red (86%)

Yellow (89%)

Blue (89%)

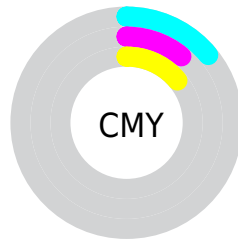


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE2DC 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 DCE2DC by changing the saturation by 10% instead.



 DCE2DC


FFFFFF

 DCE2DC

 C0C6C0

 A5ABA5

 8B908B

 717771

 595E59

 414642

 2B302B

 171B17

 000000

 DCE2DC

 DCE2DC

 C5E2C5

 F3E2F3

 AFE2AF

 FFE2FF

 98E298


 82E282

 6BE26B

 54E254

 3EE23E

 27E227

 11E211

# Harmonies

## Analogous

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



E0E1DA



DCE2DC



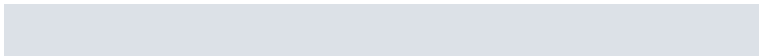
D9E3DF

# Triad

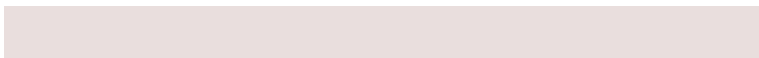
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE2DC



DCE1E7



E9DEDD

# Complementary

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



DCE2DC



E2DCE2

# Split Complementary

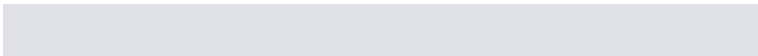
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8DEE1



DCE2DC



E0E0E7

# Square

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



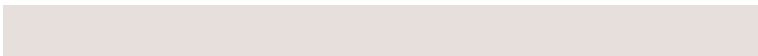
DCE2DC



D9E2E6



E5DFE5



E7DFDB

# Rectangle

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



DCE2DC



D8E3E2



E5DFE5



E8DEDF



# Sweetspot

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



DCE2DC



FCFFFC



E2E2DC



7E807E



000000

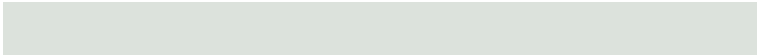


808080



# Same Dimension

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



DCE2DC



F7FFF7



DCE2DF



6C706C



00B000



003000



# Inverse Universe

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



E2DCE2



FFF7FF



E2DCDF



706C70



B000B0

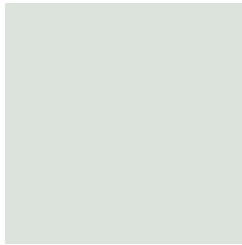


300030



# Previews

## White Background



This preview shows how the Hex color DCE2DC looks on a white background.

## Color Contrast Check

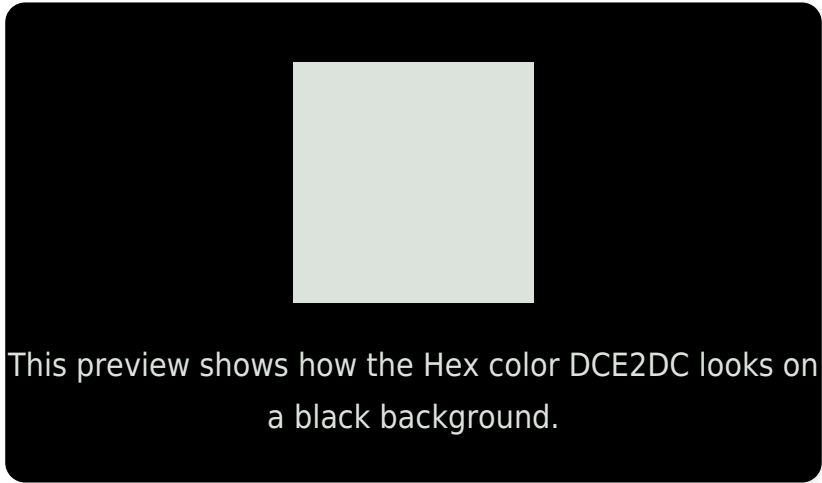
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

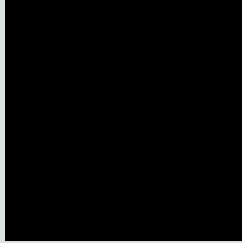
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

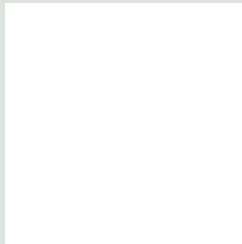
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCE2DC Background



This preview shows how black text looks on a background with the Hex color DCE2DC.

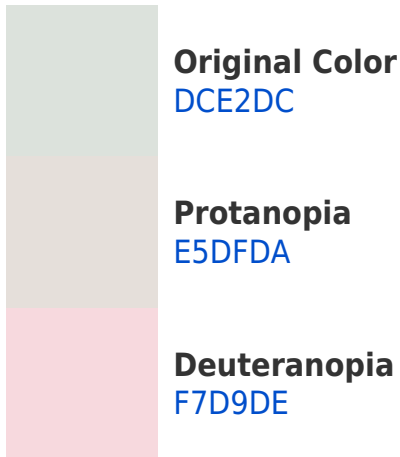


This preview shows how white text looks on a background with the Hex color DCE2DC.

# 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](#).

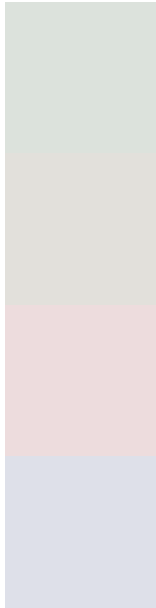
## Dichromacy





**Tritanopia**  
DFDFF0

# Trichromacy



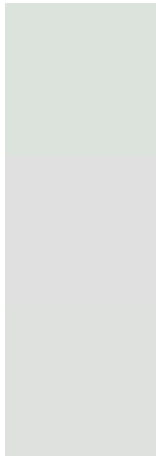
**Original Color**  
DCE2DC

**Protanomaly**  
E2E0DB

**Deuteranomaly**  
EDDCDD

**Tritanomaly**  
DEE0E9

# Monochromacy



**Original Color**  
DCE2DC

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
DFE1DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE2DC 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 #DCE2DC looks like.

```
.text, #text, p{  
    color:#DCE2DC  
}
```

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 #DCE2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE2DC
}
```

## Border

The CSS property to change the border of an element to Hex DCE2DC 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
#DCE2DC }
```

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

```
.border{ border-color:#DCE2DC }
```

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

Here you see how a box with a 4 pixel #DCE2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE2DC; -webkit-box-shadow:4px 4px  
4px 4px #DCE2DC; box-shadow:4px 4px 4px  
4px #DCE2DC }
```

# Background

The CSS property to change the background color of an element to Hex DCE2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE2DC }
```

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

```
.background{ background-color:#DCE2DC }
```

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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