

# Converting Colors

Hex(DCE7EF)

Have a look what the booklet for  
Hex(DCE7EF) contains.

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# **Color**

**Hex(DCE7EF)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | DCE7EF                    |
| RGB         | 220, 231, 239             |
| RGB Percent | 86%, 91%, 94%             |
| CMY         | 0.1373, 0.0941, 0.0627    |
| CMYK        | 0.08, 0.03, 0.00, 0.06    |
| HSL         | 205°, 37%, 90%            |
| HSV         | 205°, 8%, 94%             |
| XYZ         | 73.6711, 78.5995, 92.9497 |
| YIQ         | 228.6230, -9.1240, 0.1560 |

# Conversions

## Conversions Part 2

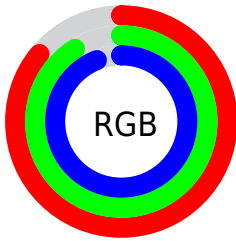
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 220, 227, 239                |
| Decimal                             | 14477295                     |
| CIE Lab                             | 91.05, -2.14, -5.15          |
| CIE LCh                             | 91, 5.579, 247.428           |
| Yxy                                 | 78.5995, 0.3004,<br>0.3205   |
| Android<br>(android.graphics.Color) | 4292667375<br>(0xFFDCE7EF)   |
| YUV                                 | 228.6230, 5.1159,<br>-7.5624 |
| Hunter-Lab                          | 88.6563, -6.8198,<br>-0.1018 |

# Details

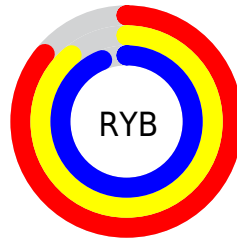
The Hex color **DCE7EF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EFE4DC**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A5AFB7** is the 20% darker color. If you saturate the color by 10%, you get **C4DDEF**, and if you desaturate by 10%, it is **F4F1EF**.

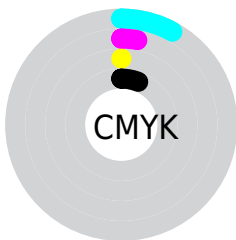
# Distribution



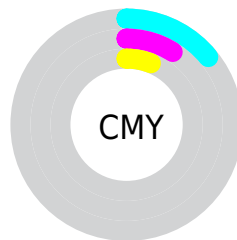
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE7EF 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 DCE7EF by changing the saturation by 10% instead.



 DCE7EF


FFFFFF

 DCE7EF

 C0CBD3

 A5AFB7

 8B959C

 717B82

 596269

 414A51

 2B343A

 161F24

 00060F

 DCE7EF

 DCE7EF

 C4DDEF

 F4F1EF

 ACD3EF

 FFFBEF

 94C9EF

 FFFFEF

 7CBFEF

 65B5EF

 4DABEF

 35A1EF

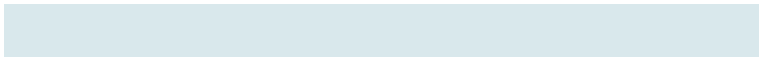
 1D96EF

 058CEF

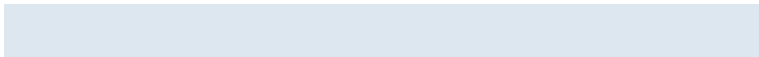
# Harmonies

## Analogous

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



D9E8EC



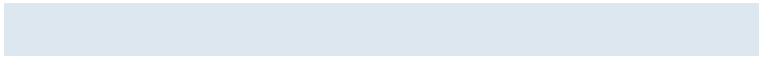
DCE7EF



E2E5F0

# Triad

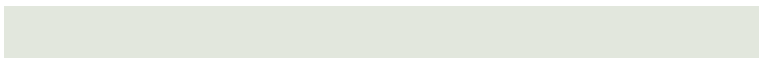
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE7EF



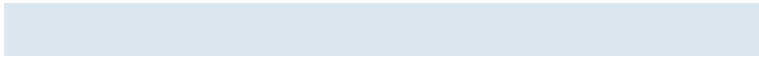
F1E2E4



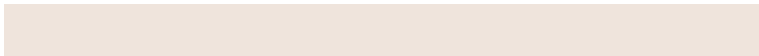
E2E7DD

# Complementary

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



DCE7EF



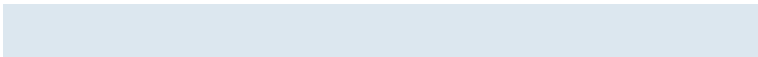
EFE4DC

# Split Complementary

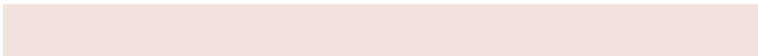
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9E5DB



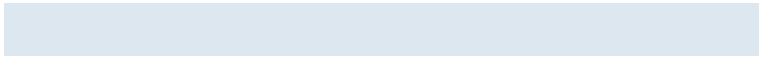
DCE7EF



F1E2DF

# Square

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



DCE7EF



EEE2EA



EEE4DC



DDE8E1

# Rectangle

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



DCE7EF



E6E4EF



EEE4DC

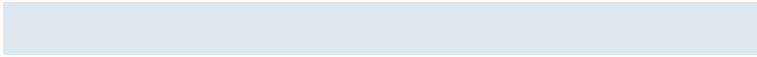


E4E7DC



# Sweetspot

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



DCE7EF



FAFDFF



DCEFE4



7D7E80



000000

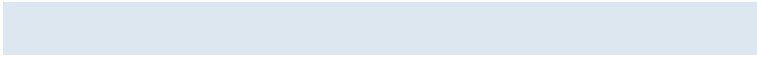


808080

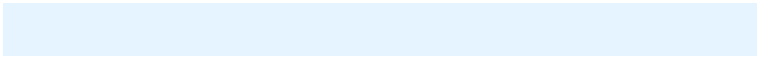


# Same Dimension

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



DCE7EF



E6F4FF



DCDEEF



6C7378



006AB8



002038



# Inverse Universe

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



EFDCE7



FFE6F4



EFEDDC



786C73



B8006A

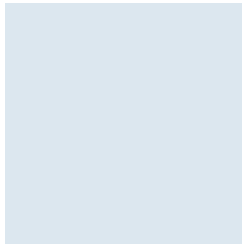


380020



# Previews

## White Background



This preview shows how the Hex color DCE7EF looks on a white background.

## Color Contrast Check

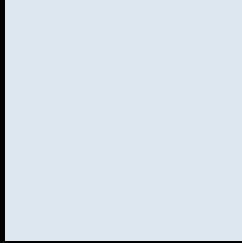
Large Text (above 18pt) WCAG AA × Fail

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 DCE7EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

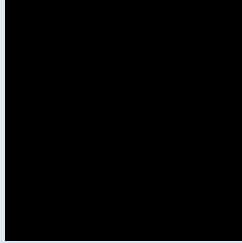
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

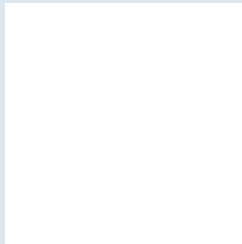
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCE7EF Background



This preview shows how black text looks on a background with the Hex color DCE7EF.



This preview shows how white text looks on a background with the Hex color DCE7EF.

# 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](#).

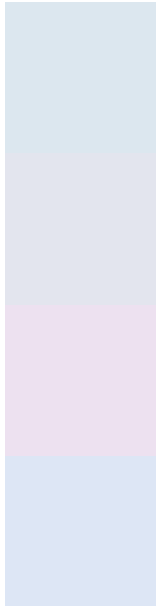
## Dichromacy





**Tritanopia**  
DDE6F8

# Trichromacy



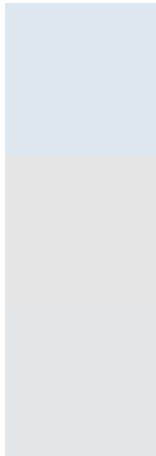
**Original Color**  
DCE7EF

**Protanomaly**  
E3E5EE

**Deuteranomaly**  
EDE1F0

**Tritanomaly**  
DDE6F5

# Monochromacy



**Original Color**  
DCE7EF

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E2E6E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE7EF 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 #DCE7EF looks like.

```
.text, #text, p{  
    color:#DCE7EF  
}
```

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 #DCE7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE7EF }
}
```

## Border

The CSS property to change the border of an element to Hex DCE7EF 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 #DCE7EF }
}
```

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

```
.border{ border-color:#DCE7EF }
```

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

Here you see how a box with a 4 pixel #DCE7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE7EF; -webkit-box-shadow:4px 4px  
4px 4px #DCE7EF; box-shadow:4px 4px 4px  
4px #DCE7EF }
```

# Background

The CSS property to change the background color of an element to Hex DCE7EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE7EF }
```

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

```
.background{ background-color:#DCE7EF }
```

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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