

# Converting Colors

Hex(D8E3EC)

Have a look what the booklet for  
Hex(D8E3EC) contains.

<b>Hex(D8E3EC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D8E3EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8E3EC
RGB	216, 227, 236
RGB Percent	85%, 89%, 93%
CMY	0.1529, 0.1098, 0.0745
CMYK	0.08, 0.04, 0.00, 0.07
HSL	207°, 34%, 89%
HSV	207°, 8%, 93%
XYZ	70.9283, 75.5932, 90.2095
YIQ	224.7370, -9.4450, 0.4670

# Conversions

## Conversions Part 2

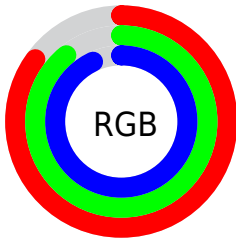
Format	Color
R <sub>Y</sub> B	216, 223, 236
Decimal	14214124
CIE Lab	89.67, -1.95, -5.65
CIE LCh	90, 5.981, 250.930
Yxy	75.5932, 0.2996, 0.3193
Android (android.graphics.Color)	4292404204 (0xFFD8E3EC)
YUV	224.7370, 5.5527, -7.6623
Hunter-Lab	86.9444, -6.5342, -0.6555

# Details

The Hex color **D8E3EC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECE1D8**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **A1ACB4** is the 20% darker color. If you saturate the color by 10%, you get **C0D8EC**, and if you desaturate by 10%, it is **F0EEEC**.

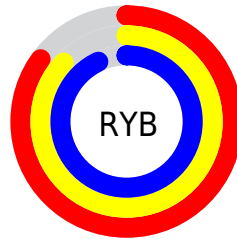
# Distribution



Red (85%)

Green (89%)

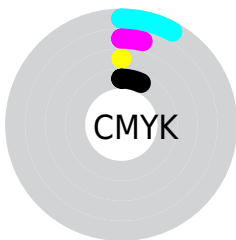
Blue (93%)



Red (85%)

Yellow (87%)

Blue (93%)

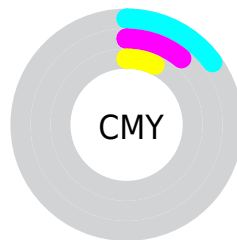


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (11%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8E3EC 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 D8E3EC by changing the saturation by 10% instead.



 D8E3EC

FFFFFF

 D8E3EC

 BCC7D0

 A1ACB4

 879199

 6E7880

 555F66

 3E474E

 283138

 131C22

 00000C

 D8E3EC

 D8E3EC

 C0D8EC

 F0EEEC

 A9CEEC

 FFF8EC

 91C3EC

 FFFFEC

 7AB9EC

 62AEEC

 4AA3EC

 3399EC

 1B8EEC

 0483EC

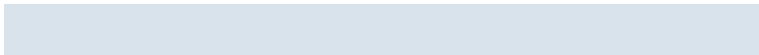
# Harmonies

## Analogous

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



D4E4E9



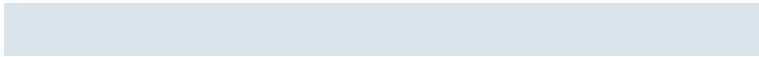
D8E3EC



DEE1ED

# Triad

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



D8E3EC



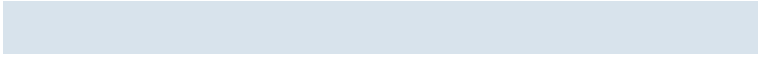
EEDEDF



DDE3D9

# Complementary

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



D8E3EC



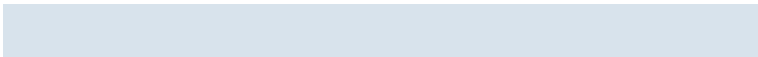
ECE1D8

# 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.



E4E2D6



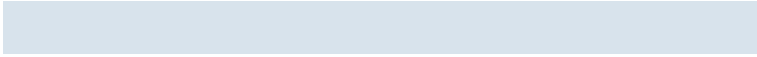
D8E3EC



EEDEDA

# Square

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



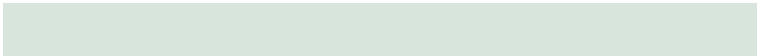
D8E3EC



EBDEE5



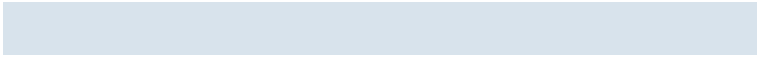
EAE0D7



D8E5DD

# Rectangle

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



D8E3EC



E3E0EB



EAE0D7



E0E3D8



# Sweetspot

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



D8E3EC



F7FCFF



D8ECE1



7A7D80



000000



808080

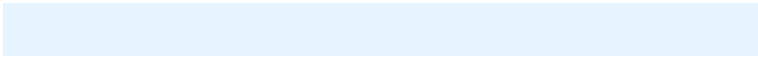


# Same Dimension

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



D8E3EC



E6F4FF



D8D9EC



6A7075



0064B5



001D36



# Inverse Universe

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



ECD8E3



FFE6F4



ECEBD8



756A70



B50064

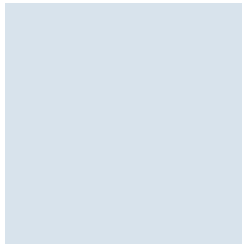


36001D



# Previews

## White Background



This preview shows how the Hex color D8E3EC looks on a white background.

## Color Contrast Check

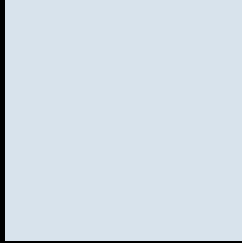
Large Text (above 18pt) WCAG AA × Fail

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 D8E3EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

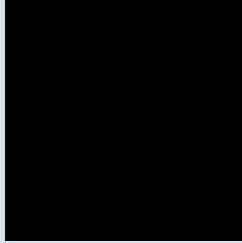
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

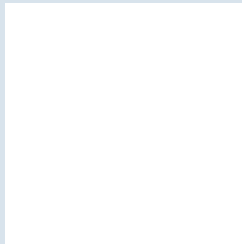
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8E3EC Background



This preview shows how black text looks on a background with the Hex color D8E3EC.



This preview shows how white text looks on a background with the Hex color D8E3EC.

# 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



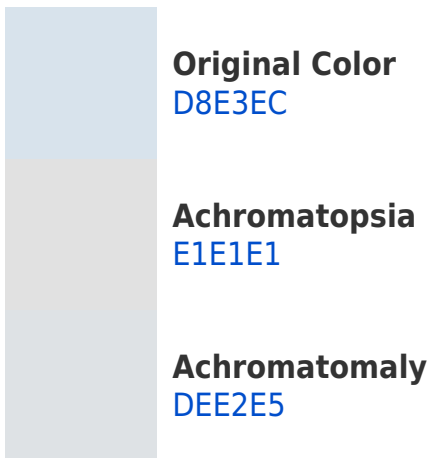


**Tritanopia**  
D9E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8E3EC 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 #D8E3EC looks like.

```
.text, #text, p{  
    color:#D8E3EC  
}
```

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 #D8E3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E3EC  
}
```

## Border

The CSS property to change the border of an element to Hex D8E3EC 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  
#D8E3EC }
```

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

```
.border{ border-color:#D8E3EC }
```

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

Here you see how a box with a 4 pixel #D8E3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E3EC; -webkit-box-shadow:4px 4px  
4px 4px #D8E3EC; box-shadow:4px 4px 4px  
4px #D8E3EC }
```

# Background

The CSS property to change the background color of an element to Hex D8E3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E3EC }
```

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

```
.background{ background-color:#D8E3EC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor