

# Converting Colors

Hex(DDE8EE)

Have a look what the booklet for  
Hex(DDE8EE) contains.

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# **Color**

**Hex(DDE8EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDE8EE
RGB	221, 232, 238
RGB Percent	87%, 91%, 93%
CMY	0.1333, 0.0902, 0.0667
CMYK	0.07, 0.03, 0.00, 0.07
HSL	201°, 33%, 90%
HSV	201°, 7%, 93%
XYZ	74.1080, 79.2584, 92.2814
YIQ	229.3950, -8.4820, -0.4660

# Conversions

## Conversions Part 2

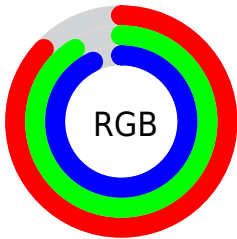
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 228, 238
Decimal	14543086
CIE Lab	91.35, -2.52, -4.18
CIE LCh	91, 4.883, 238.913
Yxy	79.2584, 0.3017, 0.3227
Android (android.graphics.Color)	4292733166 (0xFFDDE8EE)
YUV	229.3950, 4.2423, -7.3624
Hunter-Lab	89.0272, -7.2106, 0.8618

# Details

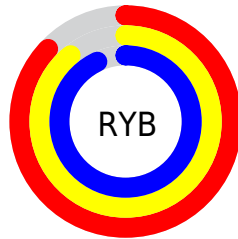
The Hex color **DDE8EE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEE3DD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A6B0B6** is the 20% darker color. If you saturate the color by 10%, you get **C5E0EE**, and if you desaturate by 10%, it is **F5F0EE**.

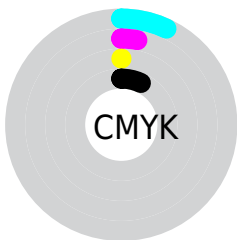
# Distribution



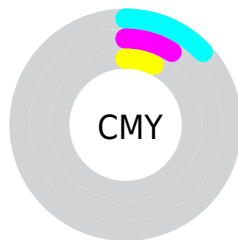
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDE8EE 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 DDE8EE by changing the saturation by 10% instead.



 DDE8EE

FFFFFF

 DDE8EE

 C1CCD2

 A6B0B6

 8C969B

 727C81

 596368

 424B50

 2C3539

 171F24

 00070E

 DDE8EE

 DDE8EE

 C5E0EE

 F5F0EE

 ADD7EE

 FFF9EE

 96CFEE

 FFFFEE

 7EC6EE

 66BEEE

 4EB6EE

 36ADEE

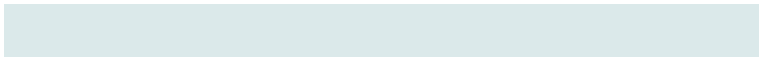
 1FA5EE

 079CEE

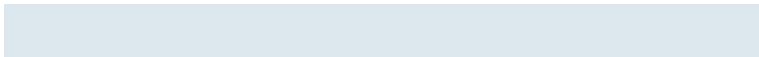
# Harmonies

## Analogous

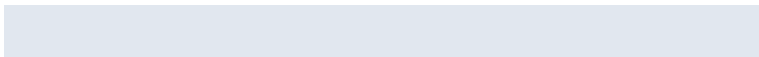
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBE9EA



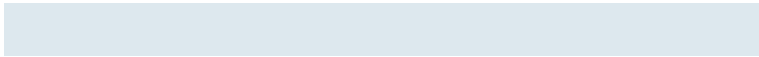
DDE8EE



E1E7EF

# Triad

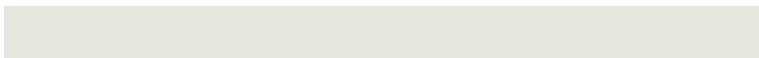
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DDE8EE



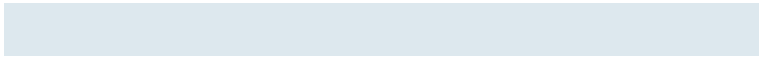
F0E3E6



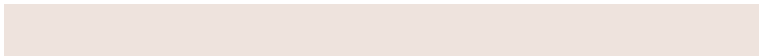
E5E7DE

# Complementary

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



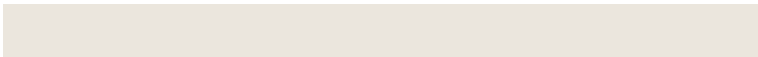
DDE8EE



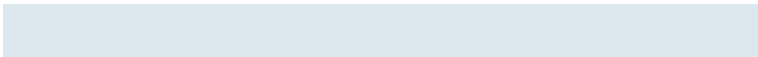
EEE3DD

# 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.



EBE6DD



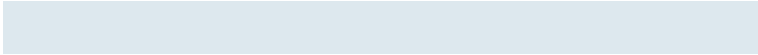
DDE8EE



F1E3E2

# Square

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



DDE8EE



ECE4EB



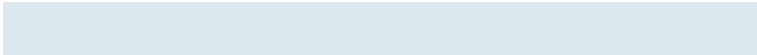
EFE4DE



E0E8E1

# Rectangle

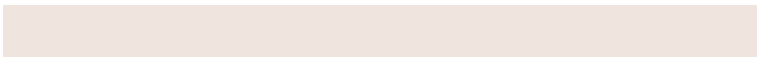
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDE8EE



E5E6EF



EFE4DE

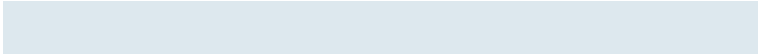


E7E7DD



# Sweetspot

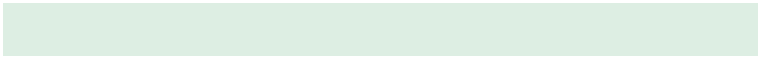
The Sweet Spot groups the original color and five complimentary colors.



DDE8EE



FAFDFF



DDEEE3



7D7F80



000000

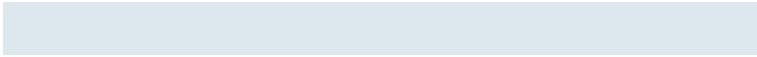


808080

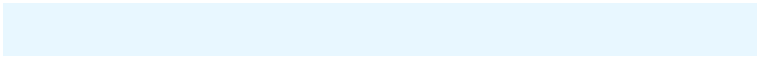


# Same Dimension

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



DDE8EE



E8F7FF



DDE0EE



6C7478



0077B8



002438



# Inverse Universe

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



EEDDE8



FFE8F7



EEEBDD



786C74



B80077

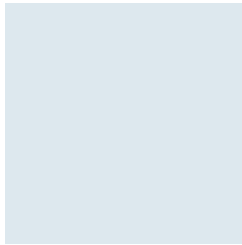


380024



# Previews

## White Background



This preview shows how the Hex color DDE8EE looks on a white background.

## Color Contrast Check

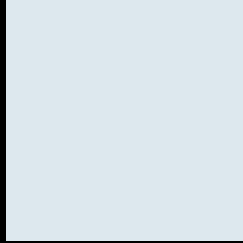
Large Text (above 18pt) WCAG AA × Fail

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 DDE8EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

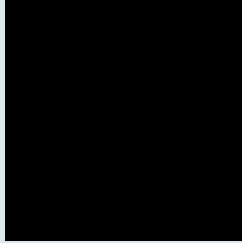
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

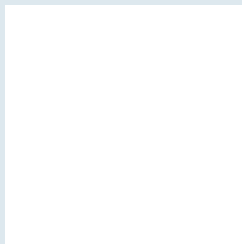
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDE8EE Background



This preview shows how black text looks on a background with the Hex color DDE8EE.



This preview shows how white text looks on a background with the Hex color DDE8EE.

# 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](#).

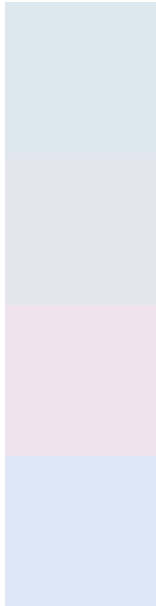
## Dichromacy





**Tritanopia**  
DFE6F9

# Trichromacy



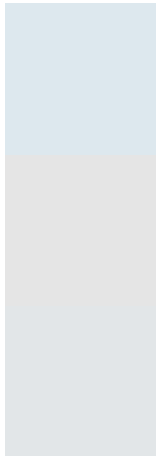
**Original Color**  
DDE8EE

**Protanomaly**  
E4E6ED

**Deuteranomaly**  
EEE2EF

**Tritanomaly**  
DEE7F5

# Monochromacy



**Original Color**  
DDE8EE

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E2E6E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDE8EE 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 #DDE8EE looks like.

```
.text, #text, p{  
    color:#DDE8EE  
}
```

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 #DDE8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE8EE
}
```

## Border

The CSS property to change the border of an element to Hex DDE8EE 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
#DDE8EE }
```

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

```
.border{ border-color:#DDE8EE }
```

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

Here you see how a box with a 4 pixel #DDE8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE8EE; -webkit-box-shadow:4px 4px  
4px 4px #DDE8EE; box-shadow:4px 4px 4px  
4px #DDE8EE }
```

# Background

The CSS property to change the background color of an element to Hex DDE8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE8EE }
```

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

```
.background{ background-color:#DDE8EE }
```

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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