

# Converting Colors

Hex(D3E9EE)

Have a look what the booklet for  
Hex(D3E9EE) contains.

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# **Color**

**Hex(D3E9EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E9EE
RGB	211, 233, 238
RGB Percent	83%, 91%, 93%
CMY	0.1725, 0.0863, 0.0667
CMYK	0.11, 0.02, 0.00, 0.07
HSL	191°, 44%, 88%
HSV	191°, 11%, 93%
XYZ	71.4355, 78.2998, 92.2372
YIQ	226.9920, -14.7170, -3.1090

# Conversions

## Conversions Part 2

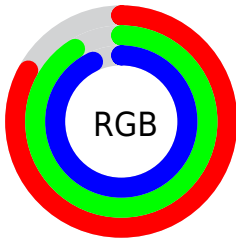
Format	Color
<a href="#">RYB</a>	<a href="#">211, 223, 238</a>
Decimal	<a href="#">13887982</a>
CIELab	<a href="#">90.92, -6.25, -4.90</a>
CIELCh	<a href="#">91, 7.941, 218.110</a>
Yxy	<a href="#">78.2998, 0.2952, 0.3236</a>
Android (android.graphics.Color)	<a href="#">4292078062</a> ( <a href="#">0xFFD3E9EE</a> )
YUV	<a href="#">226.9920, 5.4269, -14.0250</a>
Hunter-Lab	<a href="#">88.4872, -10.7498, 0.1383</a>

# Details

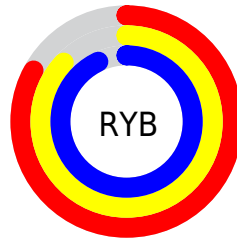
The Hex color **D3E9EE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EED8D3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **9CB1B6** is the 20% darker color. If you saturate the color by 10%, you get **BBE5EE**, and if you desaturate by 10%, it is **EBEDEE**.

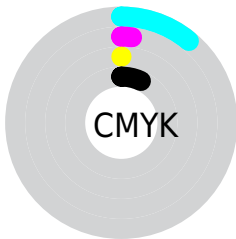
# Distribution



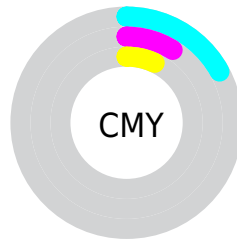
- Red (83%)
- Green (91%)
- Blue (93%)



- Red (83%)
- Yellow (87%)
- Blue (93%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E9EE 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 D3E9EE by changing the saturation by 10% instead.



 D3E9EE

 D3E9EE

FFFFFF

 B7CDD2

 9CB1B6

 82979B

 697D81

 506468

 394C50

 233539

 0E2024

 00070F

 D3E9EE

 D3E9EE

 BBE5EE

 EBEDEE

 A3E0EE

 FFF2EE

 8CDCEE

 FFF6EE

 74D7EE

 FFFBEE

 5CD3EE

 FFFFEE

 44CFEE

 2CCAEE

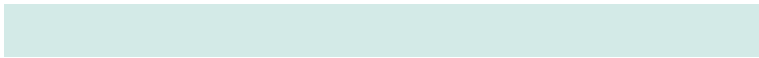
 15C6EE

 00C2EE

# Harmonies

## Analogous

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



D3EAE7



D3E9EE



D8E7F3

# Triad

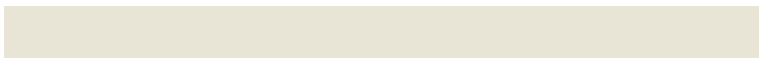
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3E9EE



F1E1EB



E9E5D6

# Complementary

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



D3E9EE



EED8D3

# 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.



F1E3D7



D3E9EE



F5E0E3

# Square

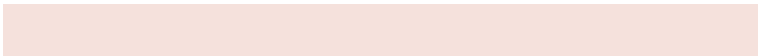
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3E9EE



E9E2F1



F5E1DC



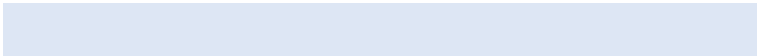
E0E7D9

# Rectangle

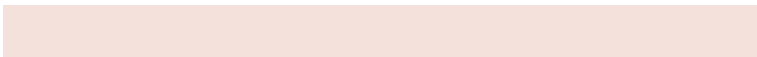
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



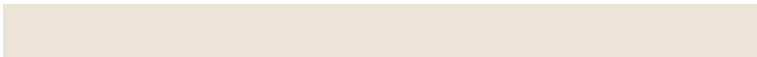
D3E9EE



DDE6F4



F5E1DC



ECE4D6

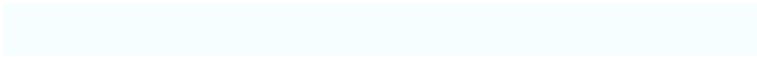


# Sweetspot

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



D3E9EE



F7FEFF



D3EED8



7A7F80



000000



808080

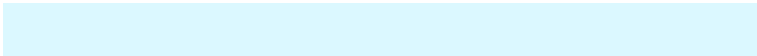


# Same Dimension

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



D3E9EE



DBF8FF



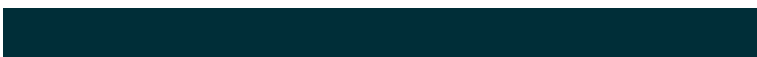
D3DCEE



6C7678



0096B8



002E38



# Inverse Universe

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



EED3E9



FFDBF8



EEE5D3



786C76



B80096

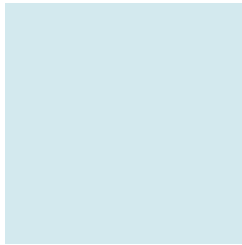


38002E



# Previews

## White Background



This preview shows how the Hex color D3E9EE looks on a white background.

## Color Contrast Check

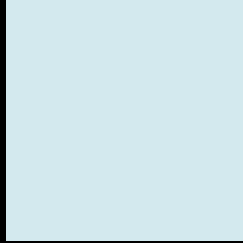
Large Text (above 18pt) WCAG AA × Fail

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 D3E9EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

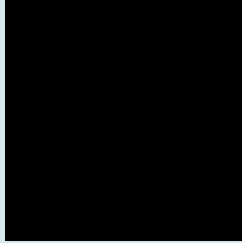
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

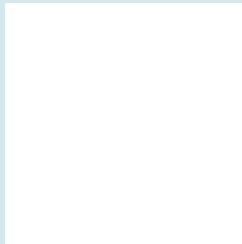
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3E9EE Background



This preview shows how black text looks on a background with the Hex color D3E9EE.



This preview shows how white text looks on a background with the Hex color D3E9EE.

# 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](#).

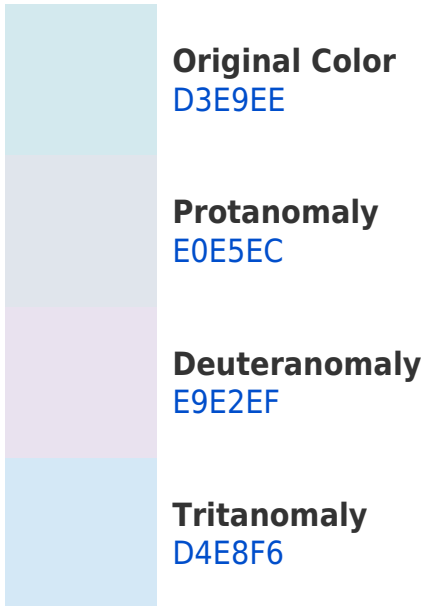
## Dichromacy



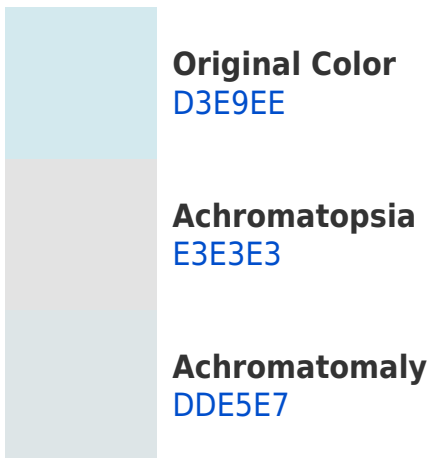


**Tritanopia**  
D5E7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3E9EE 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 #D3E9EE looks like.

```
.text, #text, p{  
    color:#D3E9EE  
}
```

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 #D3E9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E9EE
}
```

## Border

The CSS property to change the border of an element to Hex D3E9EE 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
#D3E9EE }
```

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

```
.border{ border-color:#D3E9EE }
```

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

Here you see how a box with a 4 pixel #D3E9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E9EE; -webkit-box-shadow:4px 4px  
4px 4px #D3E9EE; box-shadow:4px 4px 4px  
4px #D3E9EE }
```

# Background

The CSS property to change the background color of an element to Hex D3E9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E9EE }
```

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

```
.background{ background-color:#D3E9EE }
```

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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