

Converting Colors

Hex(D3E6EB)

Have a look what the booklet for
Hex(D3E6EB) contains.

Hex(D3E6EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D3E6EB)

Conversions

Conversions Part 1

Format	Color
Hex	D3E6EB
RGB	211, 230, 235
RGB Percent	83%, 90%, 92%
CMY	0.1725, 0.0980, 0.0784
CMYK	0.10, 0.02, 0.00, 0.08
HSL	192°, 37%, 87%
HSV	192°, 10%, 92%
XYZ	70.1562, 76.4407, 89.6542
YIQ	224.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

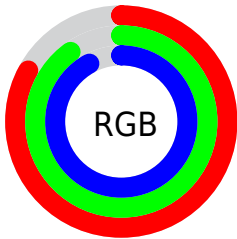
Format	Color
R _Y B	211, 222, 235
Decimal	13887211
CIE Lab	90.06, -5.30, -4.59
CIE LCh	90, 7.011, 220.874
Yxy	76.4407, 0.2970, 0.3236
Android (android.graphics.Color)	4292077291 (0xFFD3E6EB)
YUV	224.8890, 4.9847, -12.1807
Hunter-Lab	87.4304, -9.7705, 0.4032

Details

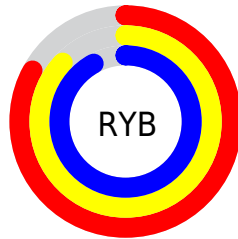
The Hex color **D3E6EB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EBD8D3**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **9CAFB3** is the 20% darker color. If you saturate the color by 10%, you get **BBE1EB**, and if you desaturate by 10%, it is **EAE1EB**.

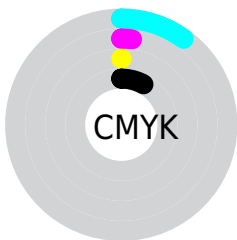
Distribution



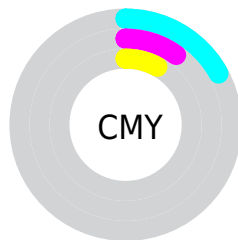
- Red (83%)
- Green (90%)
- Blue (92%)



- Red (83%)
- Yellow (87%)
- Blue (92%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3E6EB 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 D3E6EB by changing the saturation by 10% instead.

 D3E6EB

FFFFFF

 D3E6EB

 B7CACF

 9CAFB3

 829499

 697A7F

 516166

 394A4E

 233337

 0E1E22

 00010B

 D3E6EB

 D3E6EB

 BBE1EB

 EAE6EB

 A4DCEB

 FFF0EB

 8DD7EB

 FFF5EB

 75D2EB

 FFFAEB

 5ECEEB

 FFFEEB

 46C9EB

 FFFFEB

 2FC4EB

 17BFEB

 00BAEB

Harmonies

Analogous

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



D3E7E5



D3E6EB



D7E4EF

Triad

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



D3E6EB



EEDFE7



E6E3D5

Complementary

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



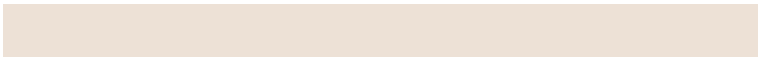
D3E6EB



EBD8D3

Split Complementary

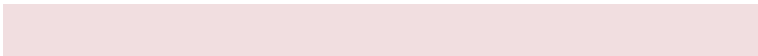
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EDE1D6



D3E6EB



F1DEE0

Square

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



D3E6EB



E7E0ED



F1DFDA



DEE5D8

Rectangle

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



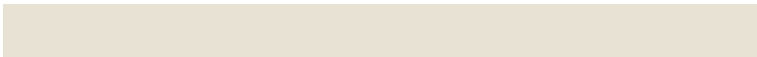
D3E6EB



DCE3F0



F1DFDA



E8E2D5

Sweetspot

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



D3E6EB



F7DFFF



D3EBD8



7A7E80



000000



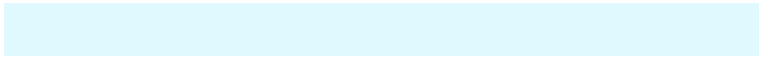
808080

Same Dimension

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



D3E6EB



E0F9FF



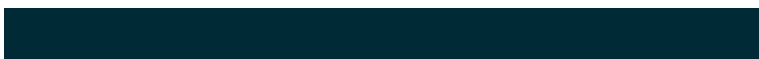
D3DAEB



6A7375



008FB5



002A36

Inverse Universe

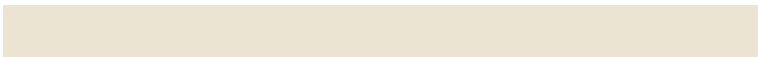
The Inverse Universe completely reimagines the original color for something new.



EBD3E6



FFE0F9



EBE4D3



756A73



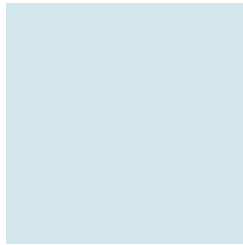
B5008F



36002A

Previews

White Background



This preview shows how the Hex color D3E6EB looks on a white background.

Color Contrast Check

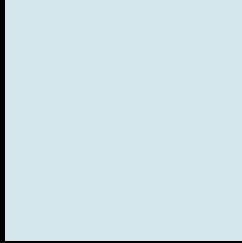
Large Text (above 18pt) WCAG AA × Fail

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 D3E6EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

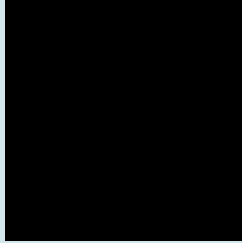
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

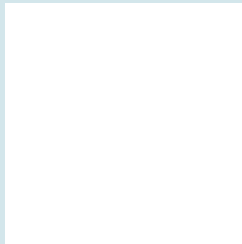
Any Text WCAG AAA ✓ Pass

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

Hex D3E6EB Background



This preview shows how black text looks on a background with the Hex color D3E6EB.

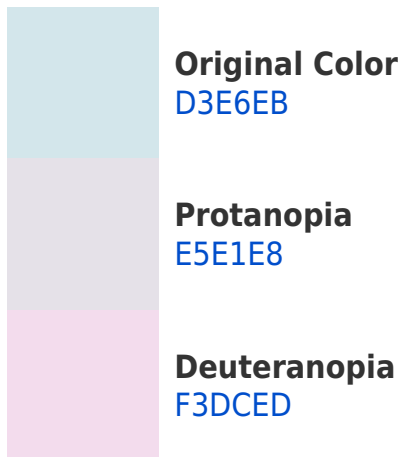


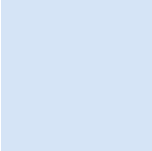
This preview shows how white text looks on a background with the Hex color D3E6EB.

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



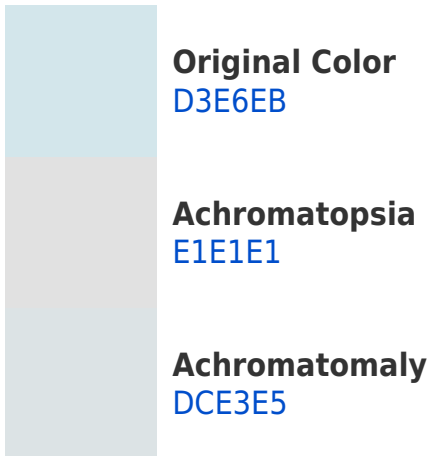


Tritanopia
D5E4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3E6EB 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 #D3E6EB looks like.

```
.text, #text, p{  
    color:#D3E6EB  
}
```

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 #D3E6EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E6EB
}
```

Border

The CSS property to change the border of an element to Hex D3E6EB 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
#D3E6EB }
```

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

```
.border{ border-color:#D3E6EB }
```

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

Here you see how a box with a 4 pixel #D3E6EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E6EB; -webkit-box-shadow:4px 4px  
4px 4px #D3E6EB; box-shadow:4px 4px 4px  
4px #D3E6EB }
```

Background

The CSS property to change the background color of an element to Hex D3E6EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E6EB }
```

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

```
.background{ background-color:#D3E6EB }
```

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