

# Converting Colors

Hex(D1E3EF)

Have a look what the booklet for  
Hex(D1E3EF) contains.

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# **Color**

**Hex(D1E3EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1E3EF
RGB	209, 227, 239
RGB Percent	82%, 89%, 94%
CMY	0.1804, 0.1098, 0.0627
CMYK	0.13, 0.05, 0.00, 0.06
HSL	204°, 48%, 88%
HSV	204°, 13%, 94%
XYZ	69.3436, 74.7255, 92.4300
YIQ	222.9860, -14.5800, -0.0840

# Conversions

## Conversions Part 2

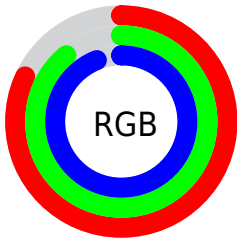
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 220, 239
Decimal	13755375
CIE Lab	89.26, -3.61, -7.88
CIE LCh	89, 8.668, 245.404
Yxy	74.7255, 0.2932, 0.3160
Android (android.graphics.Color)	4291945455 (0xFFD1E3EF)
YUV	222.9860, 7.8949, -12.2657
Hunter-Lab	86.4439, -8.0877, -2.8850

# Details

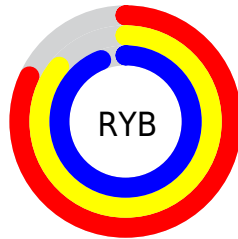
The Hex color **D1E3EF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EFDDD1**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **9AACB7** is the 20% darker color. If you saturate the color by 10%, you get **B9D9EF**, and if you desaturate by 10%, it is **E9EDEF**.

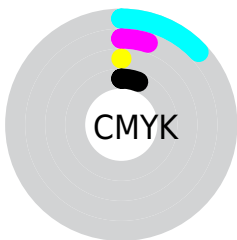
# Distribution



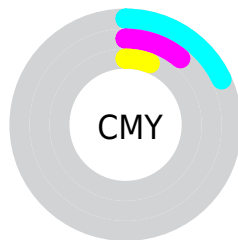
- Red (82%)
- Green (89%)
- Blue (94%)



- Red (82%)
- Yellow (86%)
- Blue (94%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (11%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1E3EF 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 D1E3EF by changing the saturation by 10% instead.



■ D1E3EF

FFFFFF

■ D1E3EF

■ B5C7D3

■ 9AACB7

■ 80919C

■ 677882

■ 4F5F69

■ 374751

■ 21313A

■ 0C1C24

■ 00010F

 D1E3EF

 D1E3EF

 B9D9EF

 E9EDEF

 A1D0EF

 FFF6EF

 89C6EF

 FFFFEF

 71BDEF

 5AB3EF

 42AAEF

 2AA0EF

 1297EF

 008FEF

# Harmonies

## Analogous

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



CCE5E9



D1E3EF



DAE0F1

# Triad

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



D1E3EF



F2DBDF



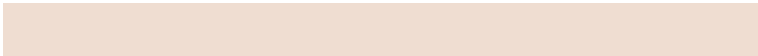
DCE3D3

# Complementary

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



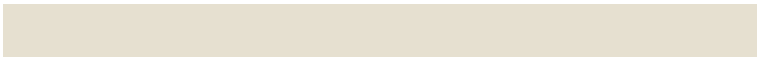
D1E3EF



EFDD1

# 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.



E6E0D0



D1E3EF



F2DBD7

# Square

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



D1E3EF



EDDCE7



EEDDD1



D3E5D9

# Rectangle

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



D1E3EF



E1DFEF



EEDDD1



DFE2D1



# Sweetspot

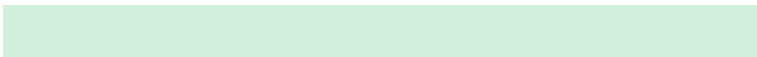
The Sweet Spot groups the original color and five complimentary colors.



D1E3EF



F5FBFF



D1EFDD



797D80



000000



808080

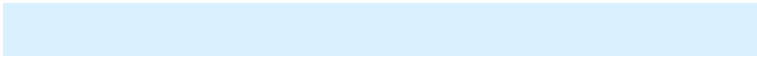


# Same Dimension

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



D1E3EF



D9F0FF



D1D4EF



6C7378



006EB8



002238



# Inverse Universe

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



EFD1E3



FFD9F0



EFECD1



786C73



B8006E

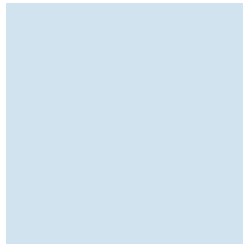


380022



# Previews

## White Background



This preview shows how the Hex color D1E3EF looks on a white background.

## Color Contrast Check

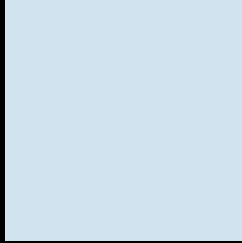
Large Text (above 18pt) WCAG AA × Fail

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 D1E3EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

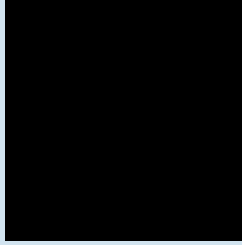
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

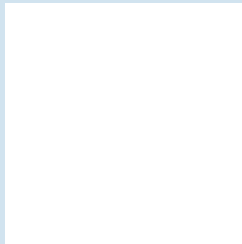
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1E3EF Background



This preview shows how black text looks on a background with the Hex color D1E3EF.

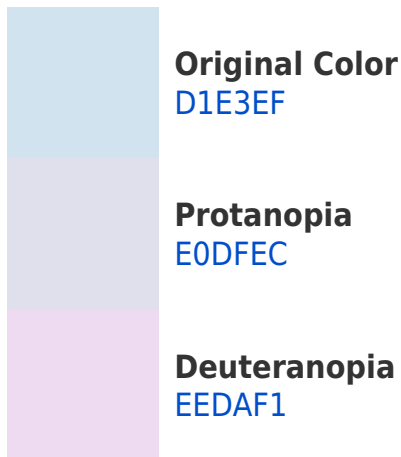


This preview shows how white text looks on a background with the Hex color D1E3EF.

# 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**  
D2E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1E3EF 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 #D1E3EF looks like.

```
.text, #text, p{  
    color:#D1E3EF  
}
```

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 #D1E3EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1E3EF
}
```

## Border

The CSS property to change the border of an element to Hex D1E3EF 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
#D1E3EF }
```

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

```
.border{ border-color:#D1E3EF }
```

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

Here you see how a box with a 4 pixel #D1E3EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1E3EF; -webkit-box-shadow:4px 4px  
4px 4px #D1E3EF; box-shadow:4px 4px 4px  
4px #D1E3EF }
```

# Background

The CSS property to change the background color of an element to Hex D1E3EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1E3EF }
```

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

```
.background{ background-color:#D1E3EF }
```

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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