

# Converting Colors

Hex(D7EFEF)

Have a look what the booklet for  
Hex(D7EFEF) contains.

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# **Color**

**Hex(D7EFEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EFEF
RGB	215, 239, 239
RGB Percent	84%, 94%, 94%
CMY	0.1569, 0.0627, 0.0627
CMYK	0.10, 0.00, 0.00, 0.06
HSL	180°, 43%, 89%
HSV	180°, 10%, 94%
XYZ	74.4708, 82.4121, 93.6434
YIQ	231.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

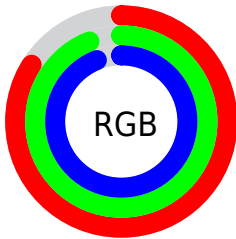
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 227, 239
Decimal	14151663
CIE Lab	92.76, -7.83, -2.69
CIE LCh	93, 8.277, 198.932
Yxy	82.4121, 0.2973, 0.3290
Android (android.graphics.Color)	4292341743 (0xFFD7EDEF)
YUV	231.8240, 3.5378, -14.7546
Hunter-Lab	90.7811, -12.4373, 2.3873

# Details

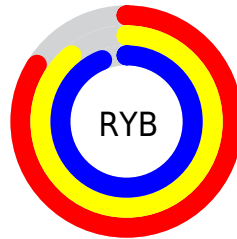
The Hex color **D7EFEF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFD7D7**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B7B7** is the 20% darker color. If you saturate the color by 10%, you get **BFEFEF**, and if you desaturate by 10%, it is **EFEFEF**.

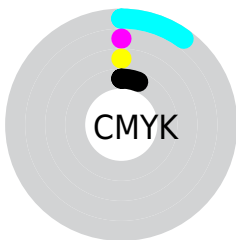
# Distribution



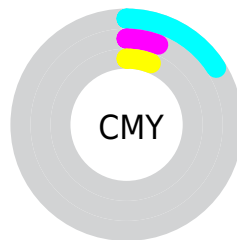
- Red (84%)
- Green (94%)
- Blue (94%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EFEF 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 D7EFEF by changing the saturation by 10% instead.



 D7EFEF

FFFFFF

 D7EFEF

 BBD3D3

 A0B7B7

 869C9C

 6C8282

 546969

 3C5151

 263A3A

 112425

 00100F

 D7EFEF

 D7EFEF

 BFEFEF

 EFEFEF

 A7EFEF

 FFEFEF

 8FEFEF

 77EFEF

 5FEFEF

 48EFEF

 30EFEF

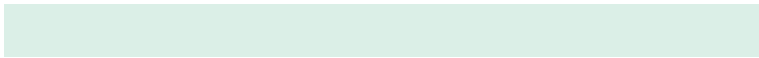
 18EFEF

 00EFEF

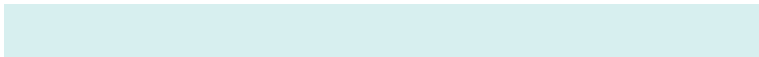
# Harmonies

## Analogous

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



DBEFE7



D7EFEF



D9EEF6

# Triad

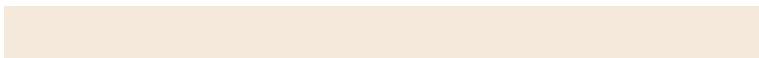
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7EFEF



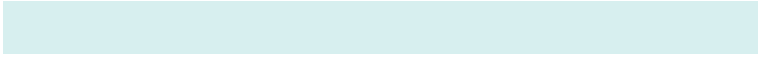
F2E7F5



F4E9DB

# Complementary

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



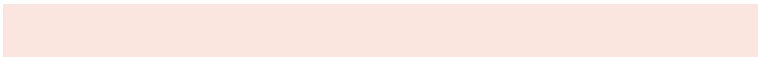
D7EFEF



EFD7D7

# 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.



FAE6DE



D7EFEF



F9E5ED

# Square

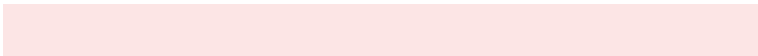
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7EFEF



E8E9F9



FCE5E5



EBEBDB

# Rectangle

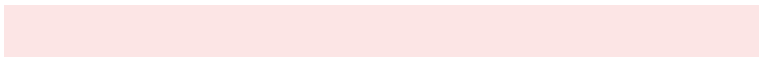
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7EFEF



DCEDF9



FCE5E5



F6E8DC



# Sweetspot

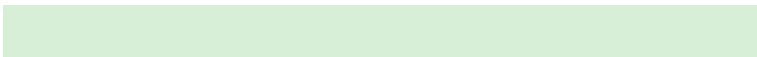
The Sweet Spot groups the original color and five complimentary colors.



D7EFEF



F7FFFF



D7EFD7



7A8080



000000



808080



# Same Dimension

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



D7EFEF



E0FFFF



D7E3EF



6C7878



00B8B8



003838



# Inverse Universe

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



EFD7EF



FFE0FF



EFE3D7



786C78



B800B8

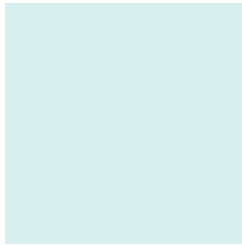


380038



# Previews

## White Background



This preview shows how the Hex color D7EFEF looks on a white background.

## Color Contrast Check

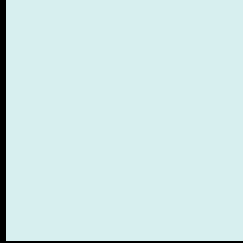
Large Text (above 18pt) WCAG AA × Fail

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 D7EFEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

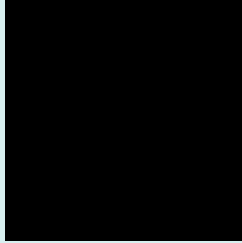
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

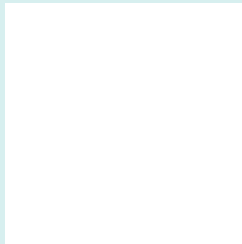
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EFEF Background



This preview shows how black text looks on a background with the Hex color D7EFEF.

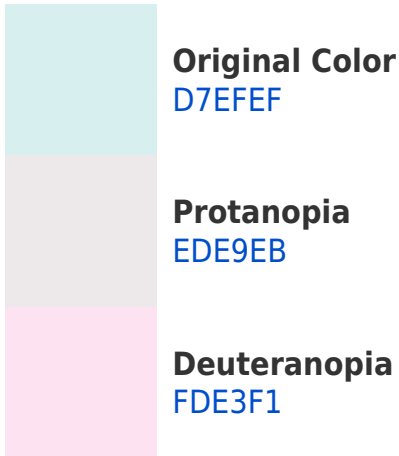


This preview shows how white text looks on a background with the Hex color D7EFEF.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7EFEF 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 #D7EFEF looks like.

```
.text, #text, p{  
    color:#D7EFEF  
}
```

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 #D7EFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EFEF  
}
```

## Border

The CSS property to change the border of an element to Hex D7EFEF 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  
#D7EFEF }
```

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

```
.border{ border-color:#D7EFEF }
```

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

Here you see how a box with a 4 pixel #D7EFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EFEF; -webkit-box-shadow:4px 4px  
4px 4px #D7EFEF; box-shadow:4px 4px 4px  
4px #D7EFEF }
```

# Background

The CSS property to change the background color of an element to Hex D7EFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EFEF }
```

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

```
.background{ background-color:#D7EFEF }
```

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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