

# Converting Colors

Hex(D7EFEB)

Have a look what the booklet for  
Hex(D7EFEB) contains.

<b>Hex(D7EFEB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D7EFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EFEB
RGB	215, 239, 235
RGB Percent	84%, 94%, 92%
CMY	0.1569, 0.0627, 0.0784
CMYK	0.10, 0.00, 0.02, 0.06
HSL	170°, 43%, 89%
HSV	170°, 10%, 94%
XYZ	73.8862, 82.1782, 90.5650
YIQ	231.3680, -13.0200, -6.3320

# Conversions

## Conversions Part 2

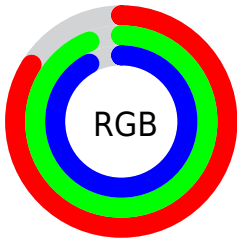
Format	Color
R <sub>Y</sub> B	215, 228, 239
Decimal	14151659
CIE Lab	92.65, -8.59, -0.76
CIE LCh	93, 8.628, 185.023
Yxy	82.1782, 0.2996, 0.3332
Android (android.graphics.Color)	4292341739 (0xFFD7EFEB)
YUV	231.3680, 1.7906, -14.3547
Hunter-Lab	90.6522, -13.1547, 4.2236

# Details

The Hex color **D7EFEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFD7DB**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B7B3** is the 20% darker color. If you saturate the color by 10%, you get **BF EFE7**, and if you desaturate by 10%, it is **EFEFEF**.

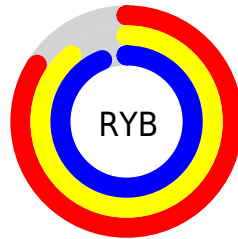
# Distribution



Red (84%)

Green (94%)

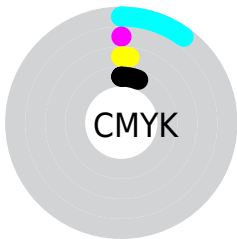
Blue (92%)



Red (84%)

Yellow (89%)

Blue (94%)

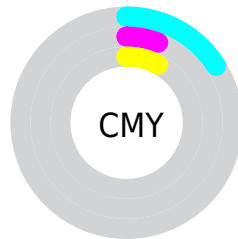


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (16%)

Magenta (6%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EFEB 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 D7EFEB by changing the saturation by 10% instead.



 D7EFEB

FFFFFF

 D7EFEB

 BBD3CF

 A0B7B3


 869C99

 6C827F

 546966

 3C514E

 263A37

 112422

 00100B

 D7EFEB

 D7EFEB

 BFEFE7

 EFEFEF

 A7EFE3

 FFEFF3

 8FEFDF

 FFEFF7

 77EFDB

 FFEFFB

 5FEFD7

 FFEFFF

 48EFD3

 30EFCF

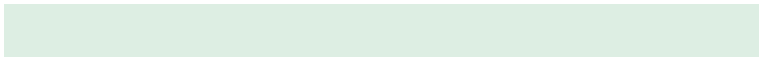
 18EFCB

 00EFC7

# Harmonies

## Analogous

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



DDEE3



D7EFB



D6EEF3

# Triad

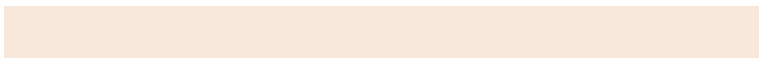
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7EFEB



EDE7F7



F8E7DB

# Complementary

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



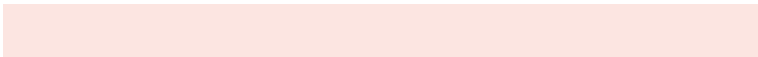
D7EFEB



EFD7DB

# 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.



FCE5E1



D7EFEB



F6E5F1

# Square

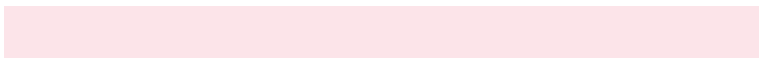
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



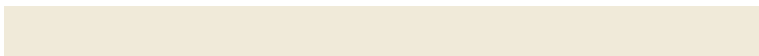
D7EFEB



E3EAFA



FCE4E9



F0EAD9

# Rectangle

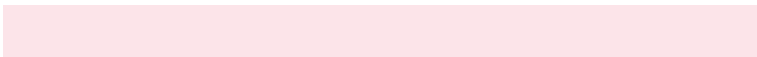
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



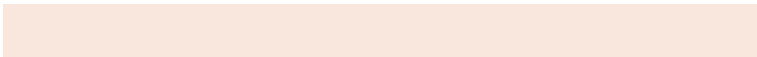
D7EFEB



D8EDF7



FCE4E9



F9E6DD



# Sweetspot

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



D7EFEB



F7FFFE



DBEFD7



7A807F



000000



808080



# Same Dimension

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



D7EFEB



E0FFFA



D7E7EF



6C7876



00B899



00382F



# Inverse Universe

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



EFD7DB



FFE0E6



EFD7D7



786C6E



B8001F

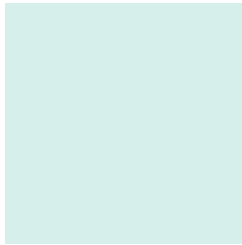


380009



# Previews

## White Background



This preview shows how the Hex color D7EFEB looks on a white background.

## Color Contrast Check

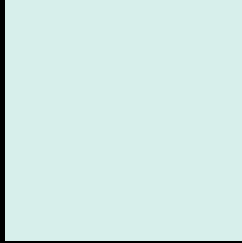
Large Text (above 18pt) WCAG AA × Fail

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 D7EFEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

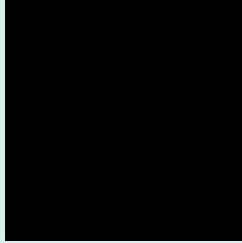
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

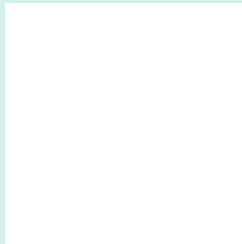
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EFEB Background



This preview shows how black text looks on a background with the Hex color D7EFEB.



This preview shows how white text looks on a background with the Hex color D7EFEB.

# 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 D7EFEB 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 #D7EFEB looks like.

```
.text, #text, p{  
    color:#D7EFEB  
}
```

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 #D7EFEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EFEB
}
```

## Border

The CSS property to change the border of an element to Hex D7EFEB 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
#D7EFEB }
```

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

```
.border{ border-color:#D7EFEB }
```

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

Here you see how a box with a 4 pixel #D7EFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EFEB; -webkit-box-shadow:4px 4px  
4px 4px #D7EFEB; box-shadow:4px 4px 4px  
4px #D7EFEB }
```

# Background

The CSS property to change the background color of an element to Hex D7EFEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EFEB }
```

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

```
.background{ background-color:#D7EFEB }
```

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