

# Converting Colors

Hex(D7EFE5)

Have a look what the booklet for  
Hex(D7EFE5) contains.

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# **Color**

**Hex(D7EFE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EFE5
RGB	215, 239, 229
RGB Percent	84%, 94%, 90%
CMY	0.1569, 0.0627, 0.1020
CMYK	0.10, 0.00, 0.04, 0.06
HSL	155°, 43%, 89%
HSV	155°, 10%, 94%
XYZ	73.0337, 81.8372, 86.0756
YIQ	230.6840, -11.0940, -8.1980

# Conversions

## Conversions Part 2

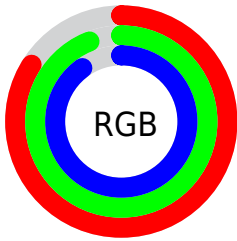
Format	Color
<a href="#">RYB</a>	<a href="#">215, 230, 239</a>
Decimal	<a href="#">14151653</a>
CIELab	<a href="#">92.50, -9.72, 2.15</a>
CIElCh	<a href="#">93, 9.955, 167.552</a>
Yxy	<a href="#">81.8372, 0.3031, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4292341733 (0xFFD7EFE5)</a>
YUV	<a href="#">230.6840, -0.8302, -13.7549</a>
Hunter-Lab	<a href="#">90.4639, -14.2046, 6.9108</a>

# Details

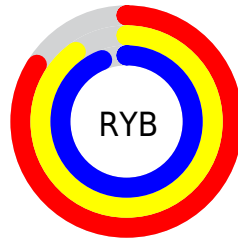
The Hex color **D7EFE5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFD7E1**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B7AE** is the 20% darker color. If you saturate the color by 10%, you get **BFEFDB**, and if you desaturate by 10%, it is **EFEFEF**.

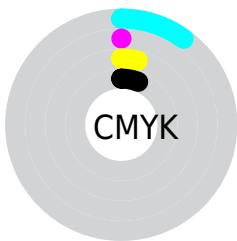
# Distribution



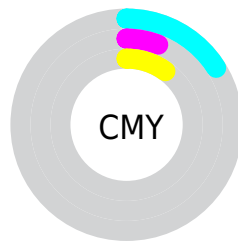
- Red (84%)
- Green (94%)
- Blue (90%)



- Red (84%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EFE5 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 D7EFE5 by changing the saturation by 10% instead.



 D7EFE5

FFFFFF

 D7EFE5

 BBD3C9

 A0B7AE

 869C93

 6C8279

 546961

 3D5149

 263A32

 12241D

 001003

 D7EFE5

 D7EFE5

 BFEFDB

 EFEFEF

 A7EFD1

 FFEFF9

 8FEFC7

 FFEFFF

 77EFBD

 5FEFB3

 48EFA9

 30EF9F

 18EF95

 00EF8B

# Harmonies

## Analogous

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



E0EDDC



D7EFE5



D2EFEF

# Triad

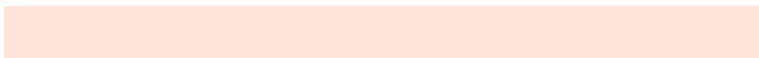
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7EFE5



E7E8FC



FDE5DC

# Complementary

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



D7EFE5



EFD7E1

# 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.



FFE3E4



D7EFE5



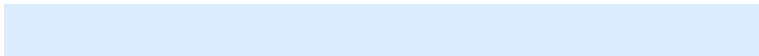
F2E5F6

# Square

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



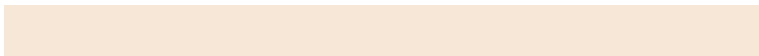
D7EFE5



DBECFC



FBE3EE



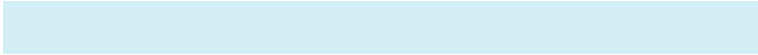
F6E7D7

# Rectangle

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



D7EFE5



D3EFF5



FBE3EE



FEE4DE



# Sweetspot

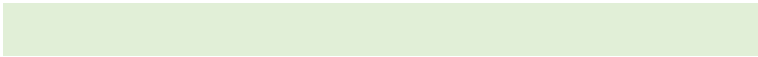
The Sweet Spot groups the original color and five complimentary colors.



D7EFE5



F7FFFC



E1EFD7



7A807D



000000



808080

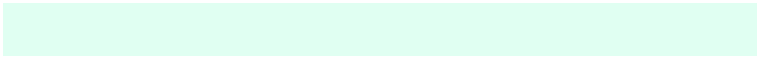


# Same Dimension

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



D7EFE5



E0FFF2



D7EDEF



6C7873



00B86B



003821



# Inverse Universe

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



EFD7E1



FFE0ED



EFD9D7



786C71



B8004C

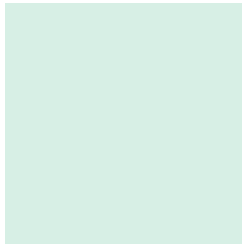


380017



# Previews

## White Background



This preview shows how the Hex color D7EFE5 looks on a white background.

## Color Contrast Check

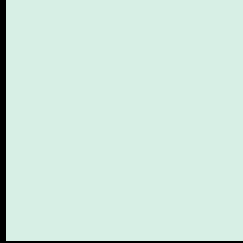
Large Text (above 18pt) WCAG AA × Fail

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 D7EFE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

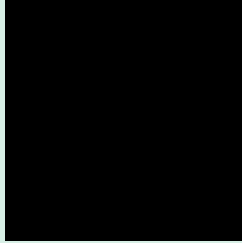
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

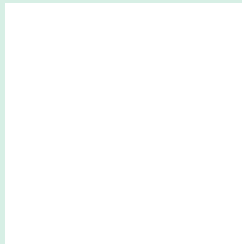
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EFE5 Background



This preview shows how black text looks on a background with the Hex color D7EFE5.

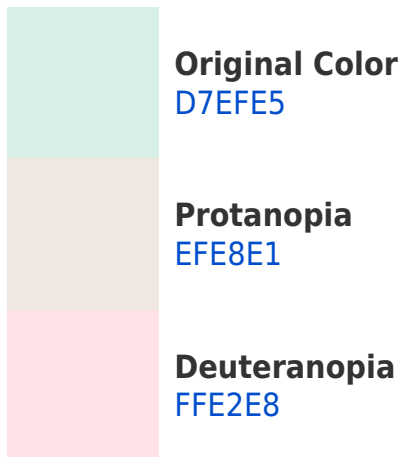


This preview shows how white text looks on a background with the Hex color D7EFE5.

# 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

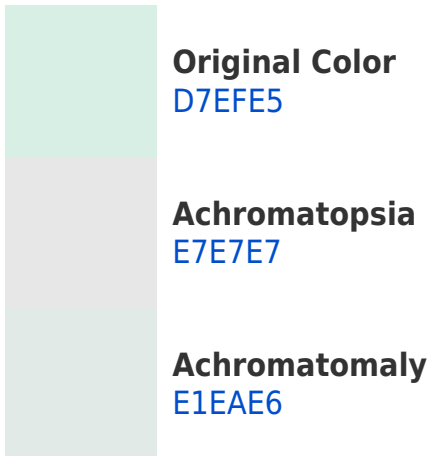




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7EFE5 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 #D7EFE5 looks like.

```
.text, #text, p{  
    color:#D7EFE5  
}
```

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 #D7EFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EFE5  
}
```

## Border

The CSS property to change the border of an element to Hex D7EFE5 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  
#D7EFE5 }
```

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

```
.border{ border-color:#D7EFE5 }
```

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

Here you see how a box with a 4 pixel #D7EFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EFE5; -webkit-box-shadow:4px 4px  
4px 4px #D7EFE5; box-shadow:4px 4px 4px  
4px #D7EFE5 }
```

# Background

The CSS property to change the background color of an element to Hex D7EFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EFE5 }
```

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

```
.background{ background-color:#D7EFE5 }
```

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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