

# Converting Colors

Hex(D7E7F4)

Have a look what the booklet for  
Hex(D7E7F4) contains.

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# **Color**

**Hex(D7E7F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E7F4
RGB	215, 231, 244
RGB Percent	84%, 91%, 96%
CMY	0.1569, 0.0941, 0.0431
CMYK	0.12, 0.05, 0.00, 0.04
HSL	207°, 57%, 90%
HSV	207°, 12%, 96%
XYZ	72.9294, 78.1306, 96.8249
YIQ	227.6980, -13.7090, 0.6510

# Conversions

## Conversions Part 2

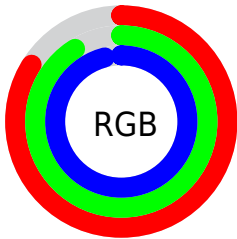
Format	Color
R <sub>Y</sub> B	215, 225, 244
Decimal	14149620
CIE Lab	90.84, -2.77, -8.12
CIE LCh	91, 8.579, 251.173
Yxy	78.1306, 0.2942, 0.3152
Android (android.graphics.Color)	4292339700 (0xFFD7E7F4)
YUV	227.6980, 8.0369, -11.1361
Hunter-Lab	88.3915, -7.4097, -3.0728

# Details

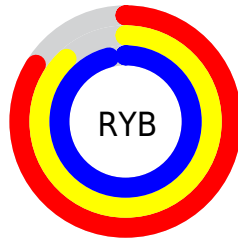
The Hex color **D7E7F4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F4E4D7**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **A0AFBC** is the 20% darker color. If you saturate the color by 10%, you get **BFDCF4**, and if you desaturate by 10%, it is **EFF2F4**.

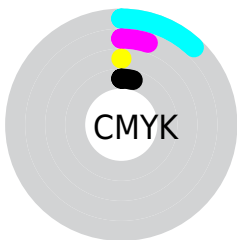
# Distribution



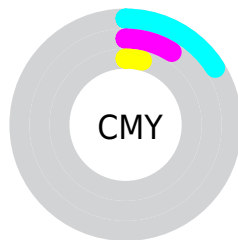
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (88%)
- Blue (96%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7E7F4 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 D7E7F4 by changing the saturation by 10% instead.



 D7E7F4

FFFFFF

 D7E7F4

 BBCBD8

 A0AFBC

 8695A1

 6C7B87

 54626D

 3C4A55

 26343E

 111F28

 000614

 D7E7F4

 D7E7F4

 BFDCF4

 EFF2F4

 A6D1F4

 FFFDF4

 8EC6F4

 FFFFF4

 75BBF4

 5DB0F4

 45A5F4

 2C9AF4

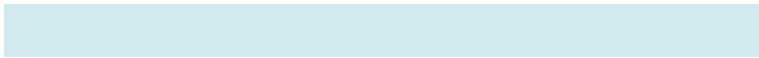
 148FF4

 0087F4

# Harmonies

## Analogous

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



D2E9EF



D7E7F4



E0E4F5

# Triad

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



D7E7F4



F7DFE2



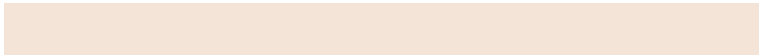
DFE8D8

# Complementary

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



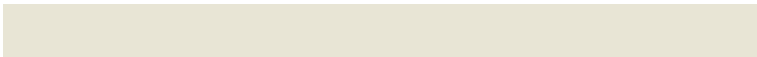
D7E7F4



F4E4D7

# Split Complementary

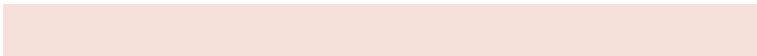
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8E5D5



D7E7F4



F6E0DA

# Square

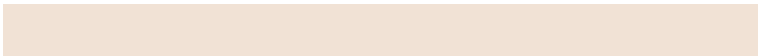
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7E7F4



F2E0EA



F1E2D5



D6E9DF

# Rectangle

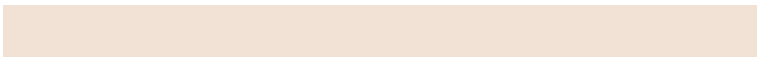
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7E7F4



E7E3F3



F1E2D5



E2E7D7



# Sweetspot

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



D7E7F4



F5FAFF



D7F4E4



797D80



000000



808080

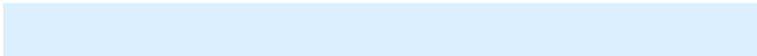


# Same Dimension

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



D7E7F4



DBEFFF



D7D9F4



6E757A



0067BA



00203B



# Inverse Universe

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



F4D7E7



FFDBEF



F4F2D7



7A6E75



BA0067

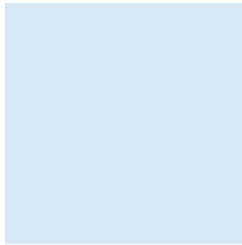


3B0020



# Previews

## White Background



This preview shows how the Hex color D7E7F4 looks on a white background.

## Color Contrast Check

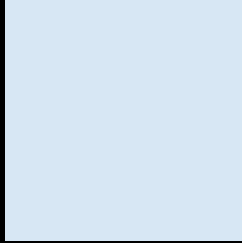
Large Text (above 18pt) WCAG AA × Fail

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 D7E7F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

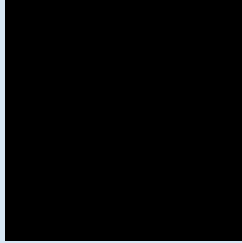
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

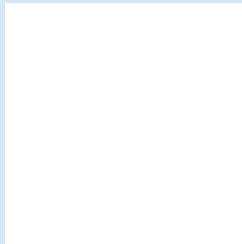
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7E7F4 Background



This preview shows how black text looks on a background with the Hex color D7E7F4.



This preview shows how white text looks on a background with the Hex color D7E7F4.

# 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](#).

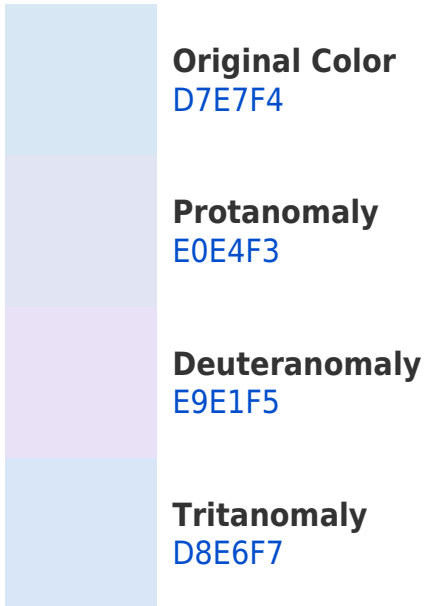
## Dichromacy





**Tritanopia**  
D8E6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7E7F4 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 #D7E7F4 looks like.

```
.text, #text, p{  
    color:#D7E7F4  
}
```

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 #D7E7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7E7F4
}
```

## Border

The CSS property to change the border of an element to Hex D7E7F4 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
#D7E7F4 }
```

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

```
.border{ border-color:#D7E7F4 }
```

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

Here you see how a box with a 4 pixel #D7E7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7E7F4; -webkit-box-shadow:4px 4px  
4px 4px #D7E7F4; box-shadow:4px 4px 4px  
4px #D7E7F4 }
```

# Background

The CSS property to change the background color of an element to Hex D7E7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7E7F4 }
```

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

```
.background{ background-color:#D7E7F4 }
```

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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