

# Converting Colors

Hex(D EE 7 FA)

Have a look what the booklet for  
Hex(DEE7FA) contains.

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# **Color**

**Hex(D EE 7 FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE7FA
RGB	222, 231, 250
RGB Percent	87%, 91%, 98%
CMY	0.1294, 0.0941, 0.0196
CMYK	0.11, 0.08, 0.00, 0.02
HSL	221°, 74%, 93%
HSV	221°, 11%, 98%
XYZ	75.9554, 79.5836, 101.8004
YIQ	230.4750, -11.4630, 4.0010

# Conversions

## Conversions Part 2

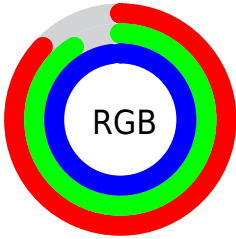
Format	Color
R <sub>Y</sub> B	222, 229, 250
Decimal	14608378
CIE Lab	91.50, 0.64, -10.23
CIE LCh	91, 10.245, 273.579
Yxy	79.5836, 0.2952, 0.3093
Android (android.graphics.Color)	4292798458 (0xFFDEE7FA)
YUV	230.4750, 9.6258, -7.4326
Hunter-Lab	89.2096, -4.1372, -5.2113

# Details

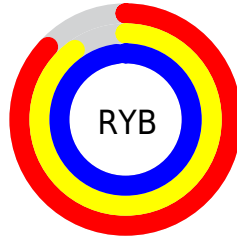
The Hex color **DEE7FA** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FAF1DE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A7AFC2** is the 20% darker color. If you saturate the color by 10%, you get **C5D6FA**, and if you desaturate by 10%, it is **F7F8FA**.

# Distribution



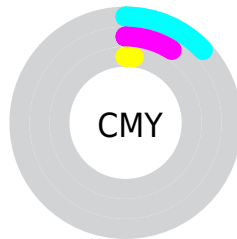
- Red (87%)
- Green (91%)
- Blue (98%)



- Red (87%)
- Yellow (90%)
- Blue (98%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEE7FA 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 DEE7FA by changing the saturation by 10% instead.



■ DEE7FA

FFFFFF

■ DEE7FA

■ C2CBDD

■ A7AFC2

■ 8C95A6

■ 737B8C

■ 5A6272

■ 424A5A

■ 2C3443

■ 161F2C

■ 000618

 DEE7FA

 DEE7FA

 C5D6FA

 F7F8FA

 ACC5FA

 FFFFFA

 93B4FA

 7AA3FA

 6192FA

 4881FA

 2F70FA

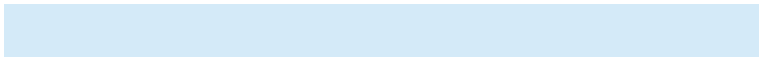
 165FFA

 0050FA

# Harmonies

## Analogous

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



D4EAF8



DEE7FA



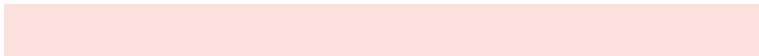
EAE4F7

# Triad

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



DEE7FA



FCE1DC



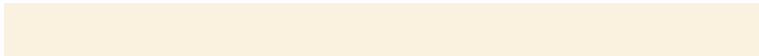
D8ECDE

# Complementary

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



DEE7FA



FAF1DE

# Split Complementary

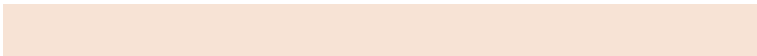
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2E9D6



DEE7FA



F7E3D5

# Square

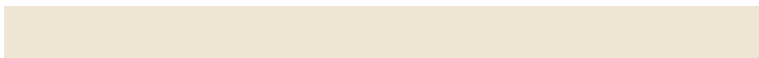
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEE7FA



FBE0E6



EEE6D3



D0EDE7

# Rectangle

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



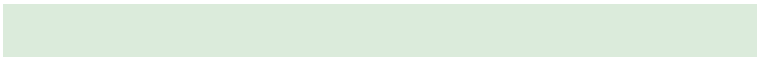
DEE7FA



F2E2F2



EEE6D3



DBEBDB

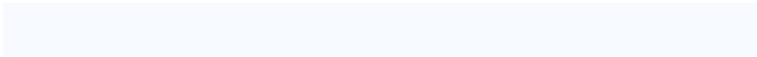


# Sweetspot

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



DEE7FA



F7FAFF



DEFAF1



7A7C80



000000



808080



# Same Dimension

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



DEE7FA



DEE9FF



E3DEFA



70747D



003DBD



00143D



# Inverse Universe

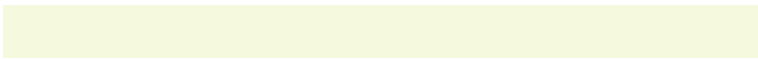
The Inverse Universe completely reimagines the original color for something new.



FADEE7



FFDEE9



F5FADE



7D7074



BD003D

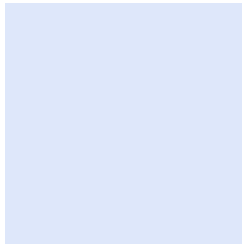


3D0014



# Previews

## White Background



This preview shows how the Hex color DEE7FA looks on a white background.

## Color Contrast Check

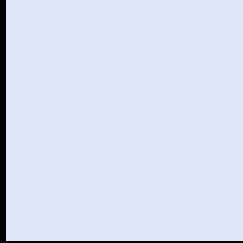
Large Text (above 18pt) WCAG AA × Fail

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 DEE7FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

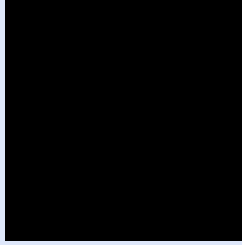
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

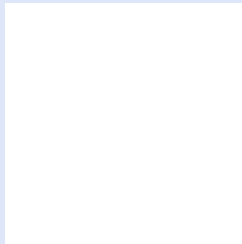
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEE7FA Background



This preview shows how black text looks on a background with the Hex color DEE7FA.



This preview shows how white text looks on a background with the Hex color DEE7FA.

# 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**  
DEE7F9

# Trichromacy



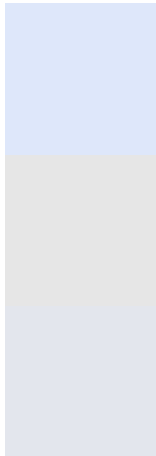
**Original Color**  
DEE7FA

**Protanomaly**  
E2E6F9

**Deuteranomaly**  
EBE3FB

**Tritanomaly**  
DEE7F9

# Monochromacy



**Original Color**  
DEE7FA

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E3E6ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE7FA 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 #DEE7FA looks like.

```
.text, #text, p{  
    color:#DEE7FA  
}
```

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 #DEE7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE7FA
}
```

## Border

The CSS property to change the border of an element to Hex DEE7FA 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
#DEE7FA }
```

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

```
.border{ border-color:#DEE7FA }
```

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

Here you see how a box with a 4 pixel #DEE7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE7FA; -webkit-box-shadow:4px 4px  
4px 4px #DEE7FA; box-shadow:4px 4px 4px  
4px #DEE7FA }
```

# Background

The CSS property to change the background color of an element to Hex DEE7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE7FA }
```

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

```
.background{ background-color:#DEE7FA }
```

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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