

# Converting Colors

Hex(DED6F7)

Have a look what the booklet for  
Hex(DED6F7) contains.

<b>Hex(DED6F7)</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(DED6F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DED6F7
RGB	222, 214, 247
RGB Percent	87%, 84%, 97%
CMY	0.1294, 0.1608, 0.0314
CMYK	0.10, 0.13, 0.00, 0.03
HSL	255°, 67%, 90%
HSV	255°, 13%, 97%
XYZ	70.9593, 70.3381, 97.8323
YIQ	220.1540, -5.8250, 11.9590

# Conversions

## Conversions Part 2

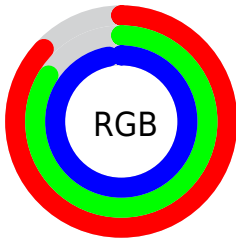
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 214, 247
Decimal	14604023
CIE Lab	87.16, 8.92, -15.12
CIE LCh	87, 17.560, 300.533
Yxy	70.3381, 0.2967, 0.2941
Android (android.graphics.Color)	4292794103 (0xFFDED6F7)
YUV	220.1540, 13.2351, 1.6189
Hunter-Lab	83.8678, 4.2574, -10.4547

# Details

The Hex color **DED6F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFF7D6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A79FBF** is the 20% darker color. If you saturate the color by 10%, you get **CBBDF7**, and if you desaturate by 10%, it is **F1EFF7**.

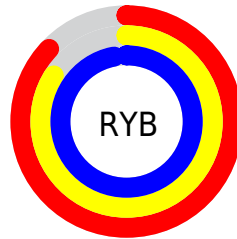
# Distribution



Red (87%)

Green (84%)

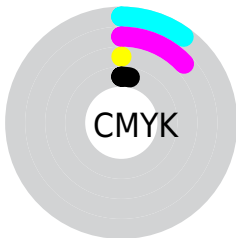
Blue (97%)



Red (87%)

Yellow (84%)

Blue (97%)

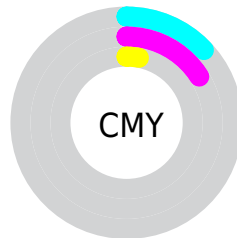


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (13%)

Magenta (16%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DED6F7 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 DED6F7 by changing the saturation by 10% instead.



■ DED6F7

FFFFFF

■ DED6F7

■ C2BADA

■ A79FBF

■ 8C85A4

■ 736C89

■ 5A5470

■ 423D57

■ 2C2740

■ 16132A

■ 000115

 DED6F7

 DED6F7

 CBBDF7

 F1EFF7

 B9A5F7

 FFFFF7

 A68CF7

 9373F7

 805AF7

 6E42F7

 5B29F7

 4810F7

 3C00F7

# Harmonies

## Analogous

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



C9DCFB



DED6F7



F1D1EB

# Triad

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



DED6F7



F6D4BE



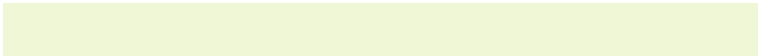
B4E4DA

# Complementary

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



DED6F7



EFF7D6

# 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.



C2E2C9



DED6F7



E8D9B9

# Square

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



DED6F7



FED0CA



D5DFBD



AFE4EB

# Rectangle

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



DED6F7



F9CFE0



D5DFBD



B8E4D4



# Sweetspot

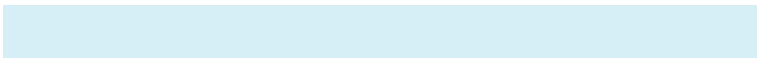
The Sweet Spot groups the original color and five complimentary colors.



DED6F7



F7F5FF



D6EFF7



7B7980



000000



808080



# Same Dimension

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



DED6F7



E0D6FF



EED6F7



716E7A



2D00BA



0E003B

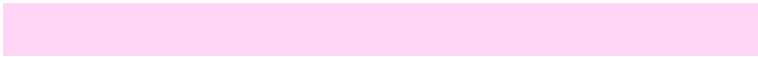


# Inverse Universe

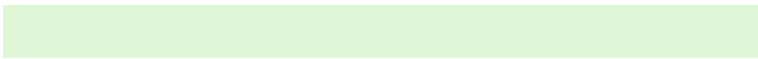
The Inverse Universe completely reimagines the original color for something new.



F7D6EF



FFD6F5



DFF7D6



7A6E77



BA008D



3B002C



# Previews

## White Background



This preview shows how the Hex color DED6F7 looks on a white background.

## Color Contrast Check

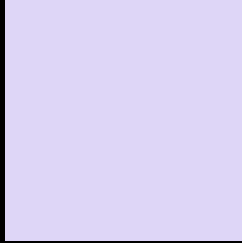
Large Text (above 18pt) WCAG AA × Fail

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 DED6F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

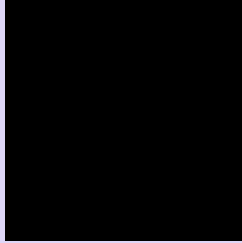
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DED6F7 Background



This preview shows how black text looks on a background with the Hex color DED6F7.



This preview shows how white text looks on a background with the Hex color DED6F7.

# 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



**Original Color**  
DED6F7

**Protanopia**  
D5D9F9

**Deuteranopia**  
E2D5F7



**Tritanopia**  
DCD8E9

# Trichromacy



**Original Color**  
DED6F7

**Protanomaly**  
D8D8F8

**Deuteranomaly**  
E1D5F7

**Tritanomaly**  
DDD7EE

# Monochromacy



**Original Color**  
DED6F7

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DDDAE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DED6F7 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 #DED6F7 looks like.

```
.text, #text, p{  
    color:#DED6F7  
}
```

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 #DED6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED6F7  
}
```

## Border

The CSS property to change the border of an element to Hex DED6F7 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  
#DED6F7 }
```

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

```
.border{ border-color:#DED6F7 }
```

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

Here you see how a box with a 4 pixel #DED6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED6F7; -webkit-box-shadow:4px 4px  
4px 4px #DED6F7; box-shadow:4px 4px 4px  
4px #DED6F7 }
```

# Background

The CSS property to change the background color of an element to Hex DED6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED6F7 }
```

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

```
.background{ background-color:#DED6F7 }
```

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