

# Converting Colors

Hex(D4E6F7)

Have a look what the booklet for  
Hex(D4E6F7) contains.

<b>Hex(D4E6F7)</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(D4E6F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4E6F7
RGB	212, 230, 247
RGB Percent	83%, 90%, 97%
CMY	0.1686, 0.0980, 0.0314
CMYK	0.14, 0.07, 0.00, 0.03
HSL	209°, 69%, 90%
HSV	209°, 14%, 97%
XYZ	72.2367, 77.3061, 99.1100
YIQ	226.5560, -16.1850, 1.4710

# Conversions

## Conversions Part 2

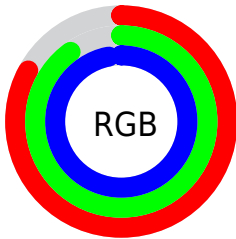
Format	Color
R <sub>YB</sub>	212, 224, 247
Decimal	13952759
CIE <sub>Lab</sub>	90.46, -2.60, -10.27
CIE <sub>LCh</sub>	90, 10.595, 255.812
Yxy	77.3061, 0.2905, 0.3109
Android (android.graphics.Color)	4292142839 (0xFFD4E6F7)
YUV	226.5560, 10.0789, -12.7656
Hunter-Lab	87.9239, -7.2144, -5.2864

# Details

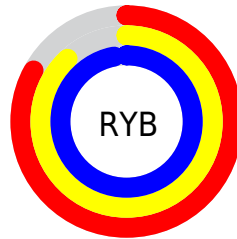
The Hex color **D4E6F7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F7E5D4**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **9DAFBF** is the 20% darker color. If you saturate the color by 10%, you get **BBD AF7**, and if you desaturate by 10%, it is **EDF2F7**.

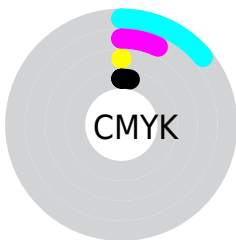
# Distribution



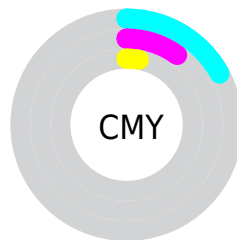
- Red (83%)
- Green (90%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E6F7 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 D4E6F7 by changing the saturation by 10% instead.



 D4E6F7

FFFFFF


 D4E6F7

 B8CADB

 9DAFBF

 8394A4

 697A89

 516170

 394A57

 233340

 0D1E2A

 000416

 D4E6F7

 D4E6F7

 BBDAF7

 EDF2F7

 A3CEF7

 FFFE7

 8AC2F7

 FFFFF7

 71B6F7

 59AAF7

 409EF7

 2792F7

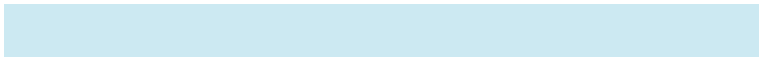
 0E86F7

 007FF7

# Harmonies

## Analogous

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



CCE9F2



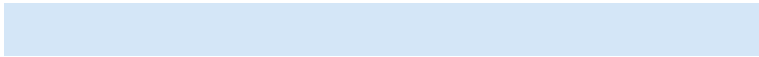
D4E6F7



E0E3F7

# Triad

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



D4E6F7



FADDDF



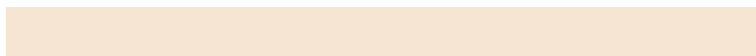
DBE8D5

# Complementary

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



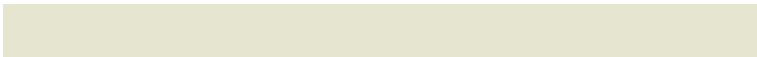
D4E6F7



F7E5D4

# 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.



E6E5D0



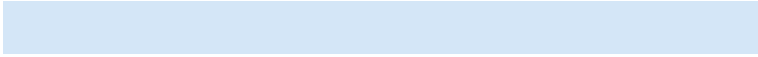
D4E6F7



F8DED6

# Square

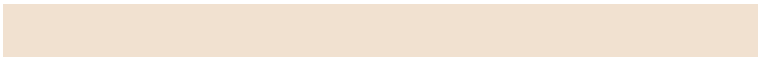
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4E6F7



F6DDE9



F1E1D0



D1E9DE

# Rectangle

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



D4E6F7



E8E0F4



F1E1D0



DEE7D3



# Sweetspot

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



D4E6F7



F5FAFF



D4F7E5



797C80



000000

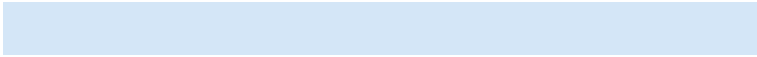


808080

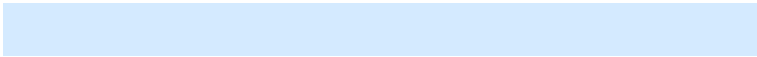


# Same Dimension

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



D4E6F7



D4EAF7



D4D5F7



6E747A



0060BA



001E3B



# Inverse Universe

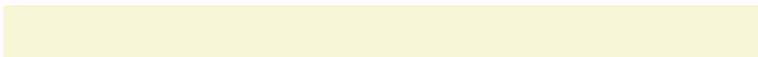
The Inverse Universe completely reimagines the original color for something new.



F7D4E6



FFD4EA



F7F6D4



7A6E74



BA0060

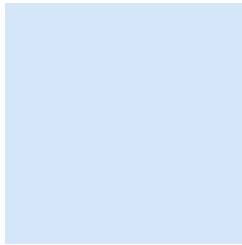


3B001E



# Previews

## White Background



This preview shows how the Hex color D4E6F7 looks on a white background.

## Color Contrast Check

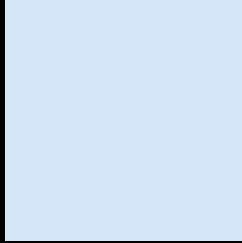
Large Text (above 18pt) WCAG AA × Fail

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 D4E6F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

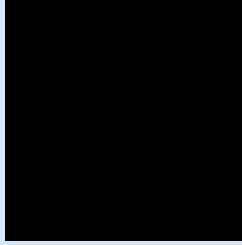
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

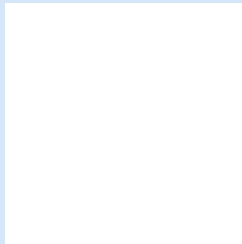
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4E6F7 Background



This preview shows how black text looks on a background with the Hex color D4E6F7.



This preview shows how white text looks on a background with the Hex color D4E6F7.

# 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



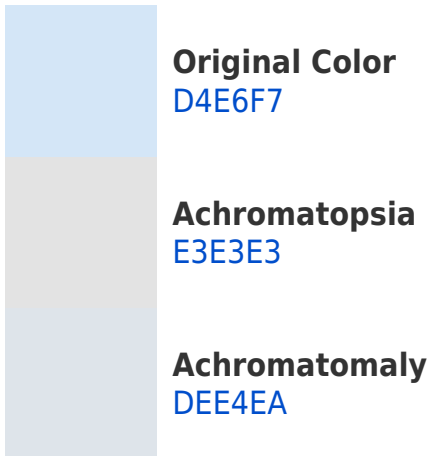


**Tritanopia**  
D4E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E6F7 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 #D4E6F7 looks like.

```
.text, #text, p{  
    color:#D4E6F7  
}
```

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 #D4E6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E6F7
}
```

## Border

The CSS property to change the border of an element to Hex D4E6F7 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
#D4E6F7 }
```

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

```
.border{ border-color:#D4E6F7 }
```

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

Here you see how a box with a 4 pixel #D4E6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E6F7; -webkit-box-shadow:4px 4px  
4px 4px #D4E6F7; box-shadow:4px 4px 4px  
4px #D4E6F7 }
```

# Background

The CSS property to change the background color of an element to Hex D4E6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E6F7 }
```

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

```
.background{ background-color:#D4E6F7 }
```

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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