

# Converting Colors

Hex(D7EAF5)

Have a look what the booklet for  
Hex(D7EAF5) contains.

<b>Hex(D7EAF5)</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(D7EAF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EAF5
RGB	215, 234, 245
RGB Percent	84%, 92%, 96%
CMY	0.1569, 0.0824, 0.0392
CMYK	0.12, 0.04, 0.00, 0.04
HSL	202°, 60%, 90%
HSV	202°, 12%, 96%
XYZ	73.9286, 79.8853, 97.9092
YIQ	229.5730, -14.8550, -0.6070

# Conversions

## Conversions Part 2

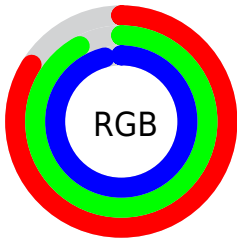
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 227, 245
Decimal	14150389
CIE Lab	91.63, -4.11, -7.47
CIE LCh	92, 8.523, 241.172
Yxy	79.8853, 0.2937, 0.3174
Android (android.graphics.Color)	4292340469 (0xFFD7EAF5)
YUV	229.5730, 7.6055, -12.7805
Hunter-Lab	89.3786, -8.7680, -2.3838

# Details

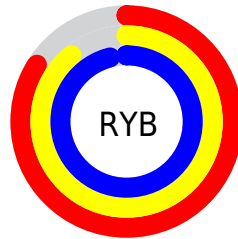
The Hex color **D7EAF5** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F5E2D7**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B2BD** is the 20% darker color. If you saturate the color by 10%, you get **BFE1F5**, and if you desaturate by 10%, it is **F0F3F5**.

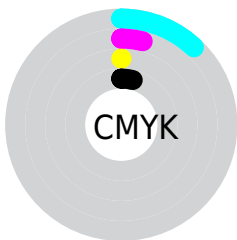
# Distribution



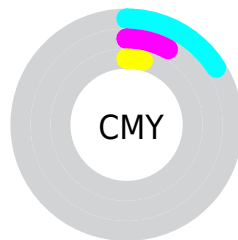
- Red (84%)
- Green (92%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (8%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EAF5 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 D7EAF5 by changing the saturation by 10% instead.



 D7EAF5

FFFFFF

 D7EAF5

 BBCED9

 A0B2BD

 8698A2

 6C7E88

 54656E

 3C4D56

 26363F

 102129

 000A15

 D7EAF5

 D7EAF5

 BFE1F5

 F0F3F5

 A6D8F5

 FFFCF5

 8ECFF5

 FFFFF5

 75C6F5

 5DBDF5

 44B4F5

 2CABF5

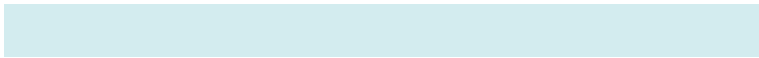
 13A2F5

 009BF5

# Harmonies

## Analogous

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



D3ECEB



D7EAF5



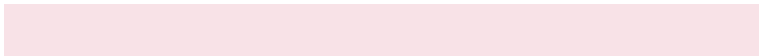
DFE8F7

# Triad

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



D7EAF5



F8E2E7



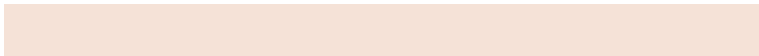
E4E9D9

# Complementary

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



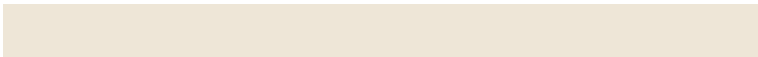
D7EAF5



F5E2D7

# Split Complementary

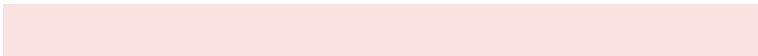
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EEE6D7



D7EAF5



F9E2DF

# Square

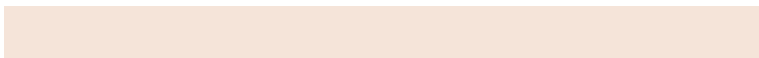
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



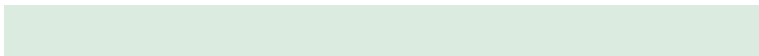
D7EAF5



F2E3EF



F5E4D9



DBEBDF

# Rectangle

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



D7EAF5



E6E6F6



F5E4D9



E8E8D8

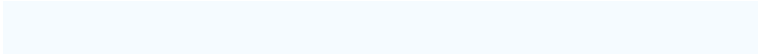


# Sweetspot

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



D7EAF5



F5FBFF



D7F5E2



797D80



000000



808080

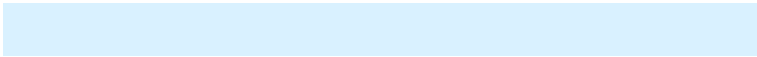


# Same Dimension

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



D7EAF5



D9F1FF



D7DBF5



6E767A



0076BA



00253B



# Inverse Universe

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



F5D7EA



FFD9F1



F5F1D7



7A6E76



BA0076

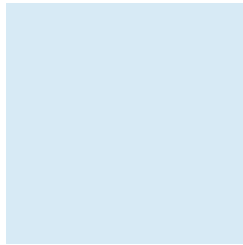


3B0025



# Previews

## White Background



This preview shows how the Hex color D7EAF5 looks on a white background.

## Color Contrast Check

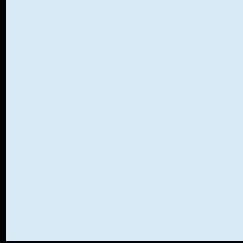
Large Text (above 18pt) WCAG AA × Fail

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 D7EAF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

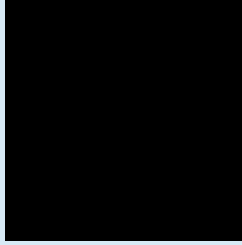
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

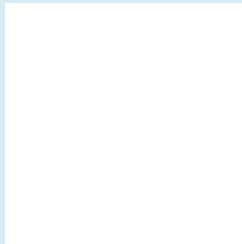
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EAF5 Background



This preview shows how black text looks on a background with the Hex color D7EAF5.

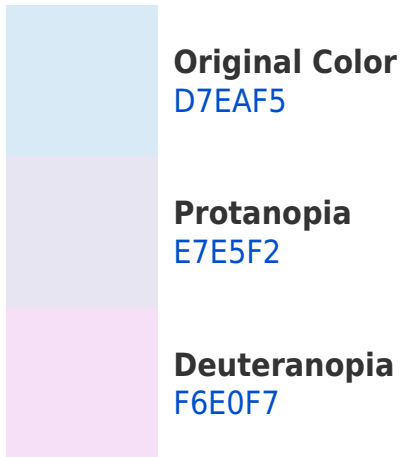


This preview shows how white text looks on a background with the Hex color D7EAF5.

# 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](#).

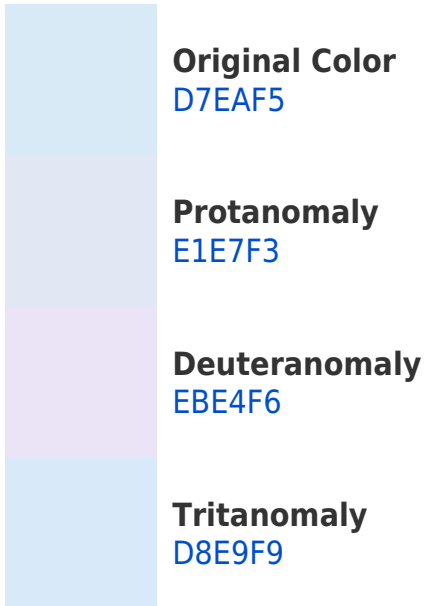
## Dichromacy



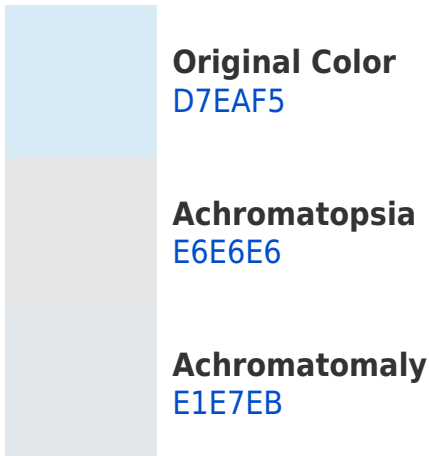


**Tritanopia**  
D8E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7EAF5 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 #D7EAF5 looks like.

```
.text, #text, p{  
    color:#D7EAF5  
}
```

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 #D7EAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EAF5 }  
}
```

## Border

The CSS property to change the border of an element to Hex D7EAF5 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 #D7EAF5 }  
}
```

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

```
.border{ border-color:#D7EAF5 }
```

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

Here you see how a box with a 4 pixel #D7EAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EAF5; -webkit-box-shadow:4px 4px  
4px 4px #D7EAF5; box-shadow:4px 4px 4px  
4px #D7EAF5 }
```

# Background

The CSS property to change the background color of an element to Hex D7EAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EAF5 }
```

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

```
.background{ background-color:#D7EAF5 }
```

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