

# Converting Colors

Hex(D5E5F7)

Have a look what the booklet for  
Hex(D5E5F7) contains.

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# **Color**

**Hex(D5E5F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5E5F7
RGB	213, 229, 247
RGB Percent	84%, 90%, 97%
CMY	0.1647, 0.1020, 0.0314
CMYK	0.14, 0.07, 0.00, 0.03
HSL	212°, 68%, 90%
HSV	212°, 14%, 97%
XYZ	72.2484, 76.9002, 99.0310
YIQ	226.2680, -15.3140, 2.2060

# Conversions

## Conversions Part 2

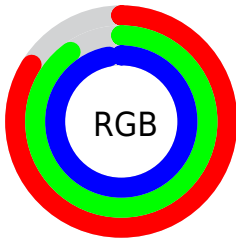
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 224, 247
Decimal	14018039
CIE Lab	90.28, -1.77, -10.54
CIE LCh	90, 10.689, 260.481
Yxy	76.9002, 0.2911, 0.3099
Android (android.graphics.Color)	4292208119 (0xFFD5E5F7)
YUV	226.2680, 10.2209, -11.6360
Hunter-Lab	87.6927, -6.3995, -5.5710

# Details

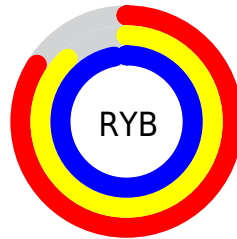
The Hex color **D5E5F7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F7E7D5**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **9EAEBF** is the 20% darker color. If you saturate the color by 10%, you get **BCD8F7**, and if you desaturate by 10%, it is **EEF2F7**.

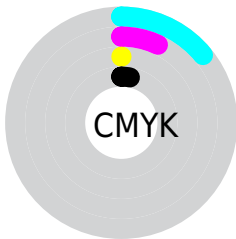
# Distribution



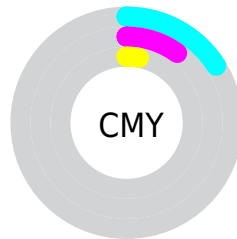
- Red (84%)
- Green (90%)
- Blue (97%)



- Red (84%)
- Yellow (88%)
- Blue (97%)



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



- Cyan (16%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5E5F7 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 D5E5F7 by changing the saturation by 10% instead.



 D5E5F7

FFFFFF

 D5E5F7

 B9C9DA

 9EAEBF

 8493A4

 6A7989

 526170

 3A4957

 243240

 0E1D2A

 000316

 D5E5F7

 D5E5F7

 BCD8F7

 EEF2F7

 A4CBF7

 FFFFF7

 8BBEF7

 72B1F7

 5AA4F7

 4197F7

 2889F7

 0F7CF7

 0074F7

# Harmonies

## Analogous

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



CCE8F2



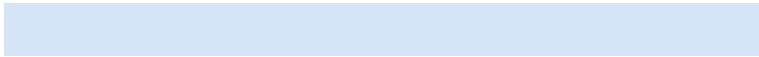
D5E5F7



E1E2F6

# Triad

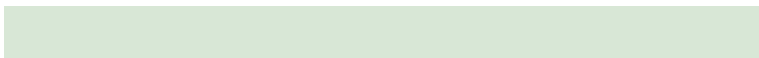
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D5E5F7



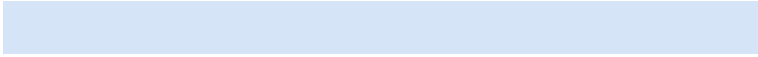
FADDDC



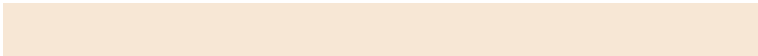
D8E7D6

# Complementary

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



D5E5F7



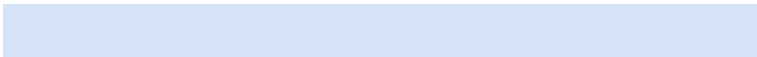
F7E7D5

# Split Complementary

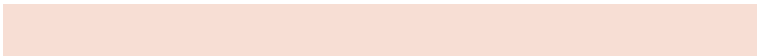
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E4E5D0



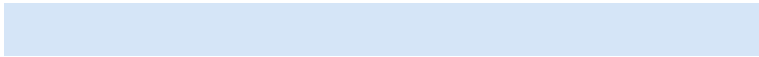
D5E5F7



F7DED4

# Square

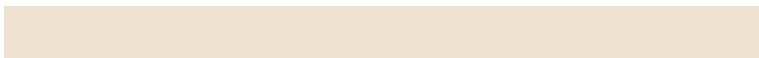
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5E5F7



F6DDE7



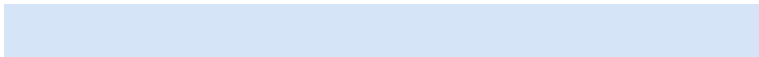
EFE1CF



CFE9DF

# Rectangle

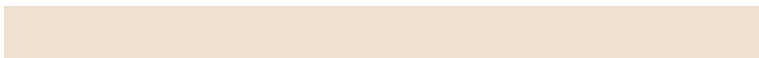
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5E5F7



EADFF3



EFE1CF



DCE7D3

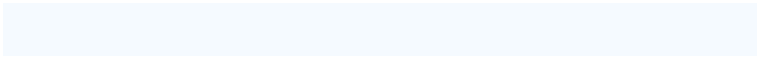


# Sweetspot

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



D5E5F7



F5FAFF



D5F7E7



797C80



000000



808080

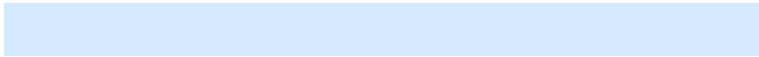


# Same Dimension

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



D5E5F7



D4E8FF



D6D5F7



6E747A



0058BA



001C3B



# Inverse Universe

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



F7D5E5



FFD4E8



F6F7D5



7A6E74



BA0058

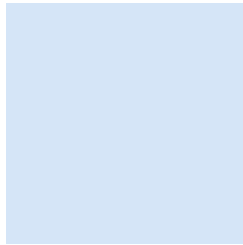


3B001C



# Previews

## White Background



This preview shows how the Hex color D5E5F7 looks on a white background.

## Color Contrast Check

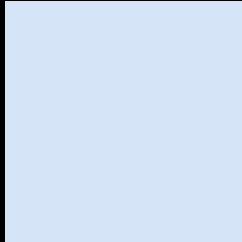
Large Text (above 18pt) WCAG AA × Fail

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 D5E5F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

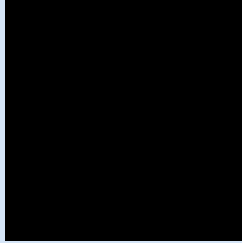
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

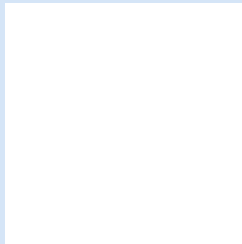
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5E5F7 Background



This preview shows how black text looks on a background with the Hex color D5E5F7.

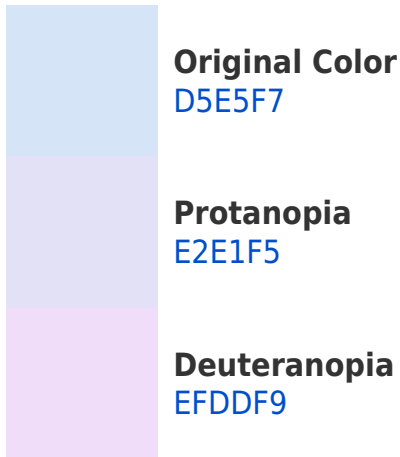


This preview shows how white text looks on a background with the Hex color D5E5F7.

# 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](#).

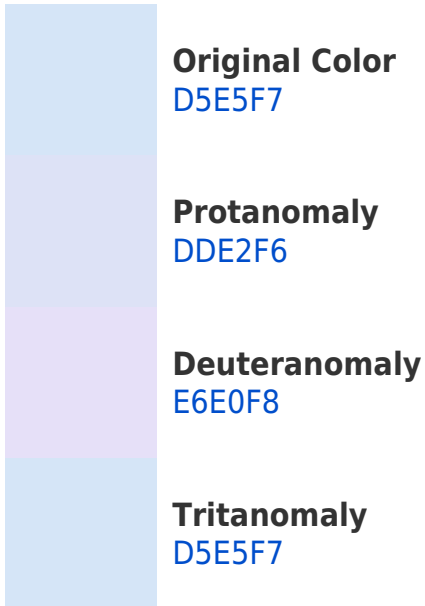
## Dichromacy



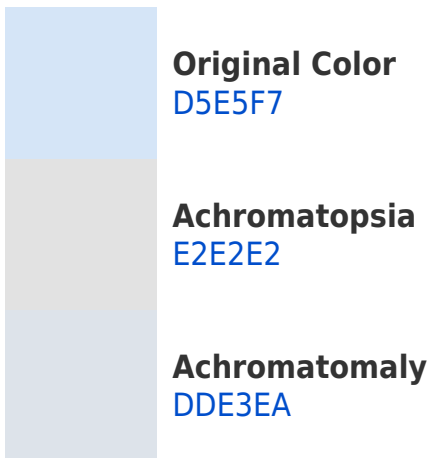


**Tritanopia**  
D5E5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5E5F7 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 #D5E5F7 looks like.

```
.text, #text, p{  
    color:#D5E5F7  
}
```

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 #D5E5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E5F7
}
```

## Border

The CSS property to change the border of an element to Hex D5E5F7 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
#D5E5F7 }
```

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

```
.border{ border-color:#D5E5F7 }
```

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

Here you see how a box with a 4 pixel #D5E5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E5F7; -webkit-box-shadow:4px 4px  
4px 4px #D5E5F7; box-shadow:4px 4px 4px  
4px #D5E5F7 }
```

# Background

The CSS property to change the background color of an element to Hex D5E5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E5F7 }
```

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

```
.background{ background-color:#D5E5F7 }
```

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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