

# Converting Colors

Hex(D5D9F7)

Have a look what the booklet for  
Hex(D5D9F7) contains.

<b>Hex(D5D9F7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5D9F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D9F7
RGB	213, 217, 247
RGB Percent	84%, 85%, 97%
CMY	0.1647, 0.1490, 0.0314
CMYK	0.14, 0.12, 0.00, 0.03
HSL	233°, 68%, 90%
HSV	233°, 14%, 97%
XYZ	69.0419, 70.4872, 97.9622
YIQ	219.2240, -12.0140, 8.4820

# Conversions

## Conversions Part 2

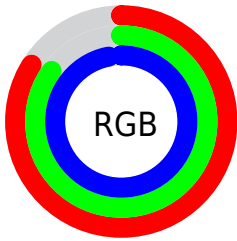
Format	Color
R <sub>Y</sub> B	213, 217, 247
Decimal	14014967
CIE Lab	87.24, 4.48, -15.08
CIE LCh	87, 15.737, 286.556
Yxy	70.4872, 0.2907, 0.2968
Android (android.graphics.Color)	4292205047 (0xFFD5D9F7)
YUV	219.2240, 13.6936, -5.4584
Hunter-Lab	83.9567, -0.1344, -10.4110

# Details

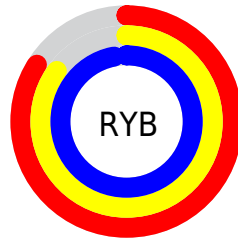
The Hex color **D5D9F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7F3D5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **9EA2BF** is the 20% darker color. If you saturate the color by 10%, you get **BCC3F7**, and if you desaturate by 10%, it is **EEEEFF7**.

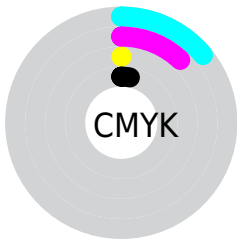
# Distribution



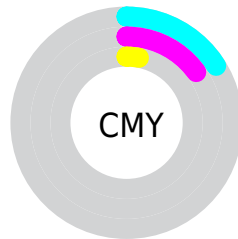
- Red (84%)
- Green (85%)
- Blue (97%)



- Red (84%)
- Yellow (85%)
- Blue (97%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (15%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5D9F7 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 D5D9F7 by changing the saturation by 10% instead.



 D5D9F7

FFFFFF

 D5D9F7

 B9BDDA

 9EA2BF

 8488A4

 6A6F89

 525670

 3A3F57

 242940

 0E152A

 000115

 D5D9F7

 D5D9F7

 BCC3F7

 EEEFF7

 A4ADF7

 FFFFF7

 8B98F7

 7282F7

 5A6CF7

 4156F7

 2840F7

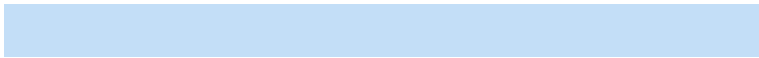
 0F2BF7

 001DF7

# Harmonies

## Analogous

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



C3DEF7



D5D9F7



E7D4EF

# Triad

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



D5D9F7



F8D3C5



BDE3D3

# Complementary

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



D5D9F7



F7F3D5

# 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.



CDE0C6



D5D9F7



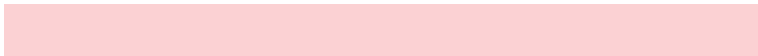
EDD7BE

# Square

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



D5D9F7



FBD1D3



DEDCBE



B5E3E2

# Rectangle

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



D5D9F7



F1D2E7



DEDCBE



C2E2CE



# Sweetspot

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



D5D9F7



F5F6FF



D5F7F2



797A80



000000



808080



# Same Dimension

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



D5D9F7



D4D9FF



E1D5F7



6E707A



0016BA



00073B



# Inverse Universe

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



F7D5D9



FFD4D9



EBF7D5



7A6E70



BA0016

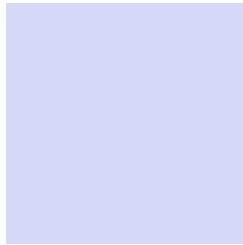


3B0007



# Previews

## White Background



This preview shows how the Hex color D5D9F7 looks on a white background.

## Color Contrast Check

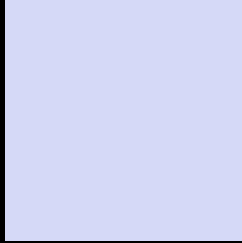
Large Text (above 18pt) WCAG AA × Fail

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 D5D9F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

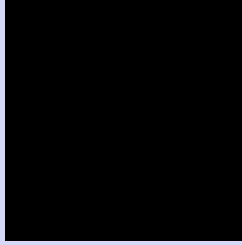
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5D9F7 Background



This preview shows how black text looks on a background with the Hex color D5D9F7.

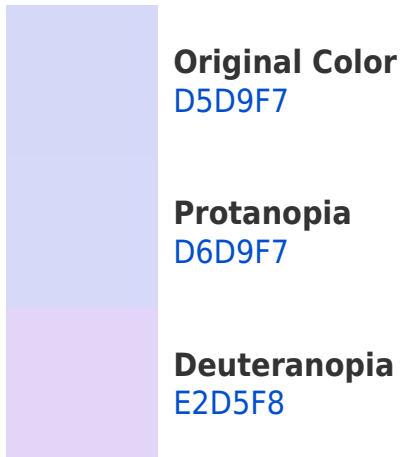


This preview shows how white text looks on a background with the Hex color D5D9F7.

# 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





# Trichromacy



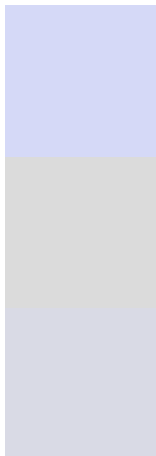
**Original Color**  
D5D9F7

**Protanomaly**  
D6D9F7

**Deuteranomaly**  
DDD6F8

**Tritanomaly**  
D4DAF0

# Monochromacy



**Original Color**  
D5D9F7

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D9DAE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5D9F7 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 #D5D9F7 looks like.

```
.text, #text, p{  
    color:#D5D9F7  
}
```

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 #D5D9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D9F7
}
```

## Border

The CSS property to change the border of an element to Hex D5D9F7 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
#D5D9F7 }
```

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

```
.border{ border-color:#D5D9F7 }
```

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

Here you see how a box with a 4 pixel #D5D9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D9F7; -webkit-box-shadow:4px 4px  
4px 4px #D5D9F7; box-shadow:4px 4px 4px  
4px #D5D9F7 }
```

# Background

The CSS property to change the background color of an element to Hex D5D9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D9F7 }
```

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

```
.background{ background-color:#D5D9F7 }
```

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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