

# Converting Colors

Hex(D6D9F8)

Have a look what the booklet for  
Hex(D6D9F8) contains.

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# **Color**

**Hex(D6D9F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D9F8
RGB	214, 217, 248
RGB Percent	84%, 85%, 97%
CMY	0.1608, 0.1490, 0.0275
CMYK	0.14, 0.13, 0.00, 0.03
HSL	235°, 71%, 91%
HSV	235°, 14%, 97%
XYZ	69.4877, 70.6992, 98.7908
YIQ	219.6370, -11.7390, 9.0050

# Conversions

## Conversions Part 2

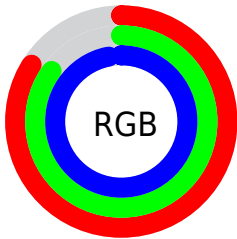
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 217, 248</a>
Decimal	<a href="#">14080504</a>
CIELab	<a href="#">87.34, 5.00, -15.45</a>
CIElCh	<a href="#">87, 16.240, 287.947</a>
Yxy	<a href="#">70.6992, 0.2908, 0.2958</a>
Android (android.graphics.Color)	<a href="#">4292270584</a> (0xFFD6D9F8)
YUV	<a href="#">219.6370, 13.9830, -4.9436</a>
Hunter-Lab	<a href="#">84.0828, 0.3711, -10.8033</a>

# Details

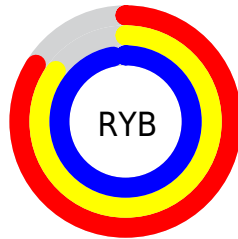
The Hex color **D6D9F8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8F5D6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **9FA2C0** is the 20% darker color. If you saturate the color by 10%, you get **BDC2F8**, and if you desaturate by 10%, it is **EFF0F8**.

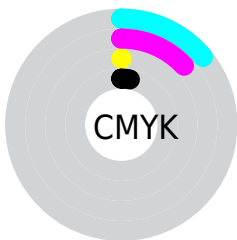
# Distribution



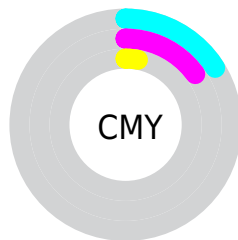
- Red (84%)
- Green (85%)
- Blue (97%)



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



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D9F8 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 D6D9F8 by changing the saturation by 10% instead.



 D6D9F8

FFFFFF

 D6D9F8

 BABDDB

 9FA2C0

 8588A4

 6B6F8A

 535671

 3B3F58

 252941

 0F152B

 000116

 D6D9F8

 D6D9F8

 BDC2F8

 EFF0F8

 A4ACF8

 FFFFF8

 8C95F8

 737FF8

 5A68F8

 4151F8

 283BF8

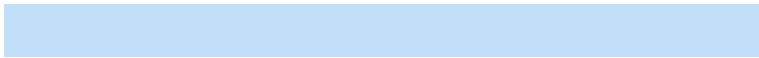
 1024F8

 0016F8

# Harmonies

## Analogous

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



C3DEF9



D6D9F8



E9D4F0

# Triad

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



D6D9F8



F9D3C5



BCE4D4

# Complementary

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



D6D9F8



F8F5D6

# 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.



CCE1C6



D6D9F8



EDD8BD

# Square

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



D6D9F8



FCD1D2



DDDDBD



B4E4E4

# Rectangle

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



D6D9F8



F3D2E7



DDDDBD



C1E3CF



# Sweetspot

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



D6D9F8



F5F6FF



D6F8F5



797A80



000000



808080



# Same Dimension

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



D6D9F8



D6DAFF



E4D6F8



70727D



0011BD



00053D



# Inverse Universe

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



F8D6D9



FFD6DA



EAF8D6



7D7072



BD0011

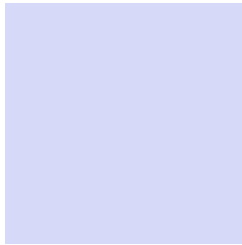


3D0005



# Previews

## White Background



This preview shows how the Hex color D6D9F8 looks on a white background.

## Color Contrast Check

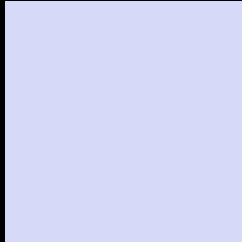
Large Text (above 18pt) WCAG AA × Fail

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 D6D9F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

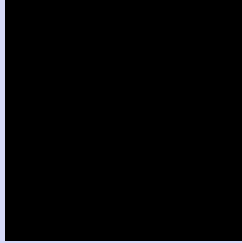
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6D9F8 Background



This preview shows how black text looks on a background with the Hex color D6D9F8.

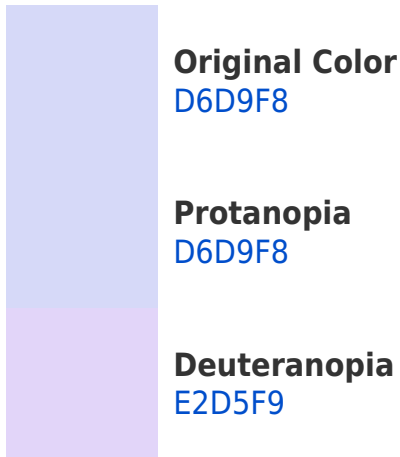


This preview shows how white text looks on a background with the Hex color D6D9F8.

# Color Blindness Simulation

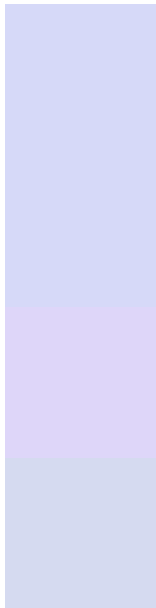
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D6D9F8

**Protanomaly**  
D6D9F8

**Deuteranomaly**  
DED6F9

**Tritanomaly**  
D5DAF0

# Monochromacy



**Original Color**  
D6D9F8

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
DADBE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D9F8 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 #D6D9F8 looks like.

```
.text, #text, p{  
    color:#D6D9F8  
}
```

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 #D6D9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D9F8 }  
}
```

## Border

The CSS property to change the border of an element to Hex D6D9F8 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 #D6D9F8 }  
}
```

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

```
.border{ border-color:#D6D9F8 }
```

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

Here you see how a box with a 4 pixel #D6D9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D9F8; -webkit-box-shadow:4px 4px  
4px 4px #D6D9F8; box-shadow:4px 4px 4px  
4px #D6D9F8 }
```

# Background

The CSS property to change the background color of an element to Hex D6D9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D9F8 }
```

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

```
.background{ background-color:#D6D9F8 }
```

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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