

# Converting Colors

Hex(D6D9EC)

Have a look what the booklet for  
Hex(D6D9EC) contains.

<b>Hex(D6D9EC)</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(D6D9EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D9EC
RGB	214, 217, 236
RGB Percent	84%, 85%, 93%
CMY	0.1608, 0.1490, 0.0745
CMYK	0.09, 0.08, 0.00, 0.07
HSL	232°, 37%, 88%
HSV	232°, 9%, 93%
XYZ	67.6847, 69.9780, 89.2966
YIQ	218.2690, -7.8870, 5.2730

# Conversions

## Conversions Part 2

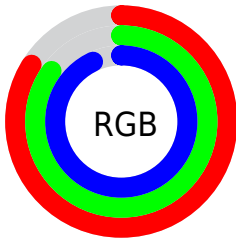
Format	Color
<a href="#">RYB</a>	<a href="#">214, 217, 236</a>
Decimal	<a href="#">14080492</a>
CIELab	<a href="#">86.99, 2.59, -9.64</a>
CIELCh	<a href="#">87, 9.987, 285.053</a>
Yxy	<a href="#">69.9780, 0.2982, 0.3083</a>
Android (android.graphics.Color)	<a href="#">4292270572</a> ( <a href="#">0xFFD6D9EC</a> )
YUV	<a href="#">218.2690, 8.7414, -3.7439</a>
Hunter-Lab	<a href="#">83.6528, -1.9655, -4.7331</a>

# Details

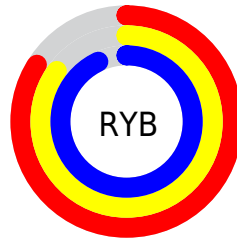
The Hex color **D6D9EC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECE9D6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **9FA2B4** is the 20% darker color. If you saturate the color by 10%, you get **BEC5EC**, and if you desaturate by 10%, it is **EEEDEC**.

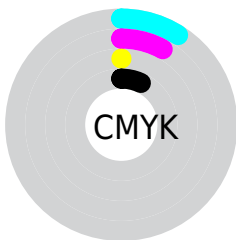
# Distribution



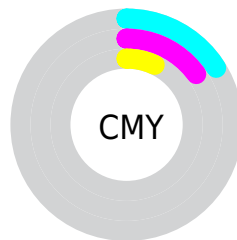
- Red (84%)
- Green (85%)
- Blue (93%)



- Red (84%)
- Yellow (85%)
- Blue (93%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D9EC 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 D6D9EC by changing the saturation by 10% instead.



■ D6D9EC

FFFFFF

■ D6D9EC

■ BABDD0

■ 9FA2B4

■ 858899

■ 6C6F7F

■ 535666

■ 3C3F4E

■ 262938

■ 121522

■ 00000B

 D6D9EC

 D6D9EC

 BEC5EC

 EEEDEC

 A7B0EC

 FFFFEC

 8F9CEC

 7887EC

 6073EC

 485FEC

 314AEC

 1936EC

 0222EC

# Harmonies

## Analogous

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



CBDCEC



D6D9EC



E2D6E7

# Triad

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



D6D9EC



EDD5CD



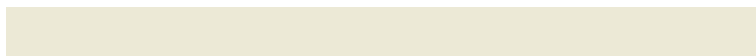
C8DFD5

# Complementary

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



D6D9EC



ECE9D6

# 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.



D2DDCC



D6D9EC



E7D8C8

# Square

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



D6D9EC



EFD4D5



DDDBC8



C3E0DE

# Rectangle

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



D6D9EC



E8D5E2



DDDBC8



CBDFD2



# Sweetspot

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



D6D9EC



F7F8FF



D6ECE9



7A7B80



000000



808080



# Same Dimension

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



D6D9EC



E3E7FF



DED6EC



6A6B75



0019B5



000736

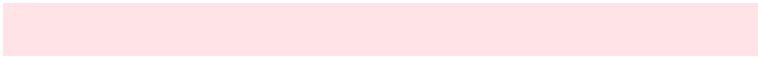


# Inverse Universe

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



ECD6D9



FFE3E7



E4ECD6



756A6B



B50019

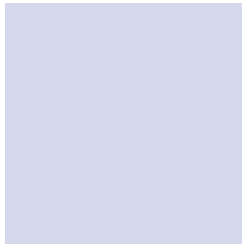


360007



# Previews

## White Background



This preview shows how the Hex color D6D9EC looks on a white background.

## Color Contrast Check

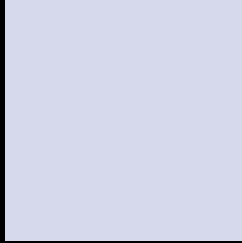
Large Text (above 18pt) WCAG AA × Fail

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 D6D9EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

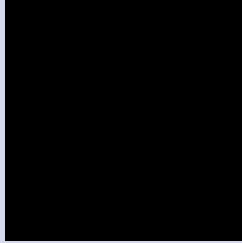
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

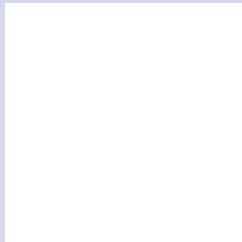
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6D9EC Background



This preview shows how black text looks on a background with the Hex color D6D9EC.

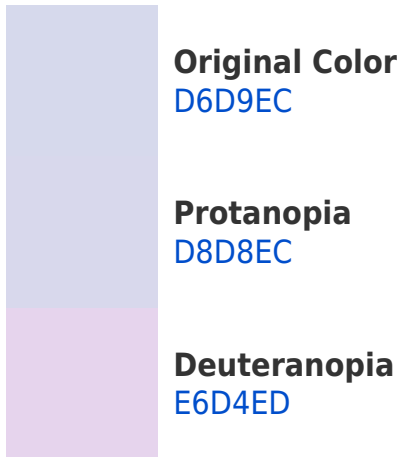


This preview shows how white text looks on a background with the Hex color D6D9EC.

# 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**  
D6D9EA

# Trichromacy



**Original Color**  
D6D9EC

**Protanomaly**  
D7D8EC

**Deuteranomaly**  
E0D6ED

**Tritanomaly**  
D6D9EB

# Monochromacy



**Original Color**  
D6D9EC

**Achromatopsia**  
DADADA

**Achromatomaly**  
D9DAE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D9EC 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 #D6D9EC looks like.

```
.text, #text, p{  
    color:#D6D9EC  
}
```

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 #D6D9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D9EC }  
}
```

## Border

The CSS property to change the border of an element to Hex D6D9EC 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 #D6D9EC }  
}
```

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

```
.border{ border-color:#D6D9EC }
```

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

Here you see how a box with a 4 pixel #D6D9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D9EC; -webkit-box-shadow:4px 4px  
4px 4px #D6D9EC; box-shadow:4px 4px 4px  
4px #D6D9EC }
```

# Background

The CSS property to change the background color of an element to Hex D6D9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D9EC }
```

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

```
.background{ background-color:#D6D9EC }
```

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