

# Converting Colors

Hex(D2DAEC)

Have a look what the booklet for  
Hex(D2DAEC) contains.

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# **Color**

**Hex(D2DAEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2DAEC
RGB	210, 218, 236
RGB Percent	82%, 85%, 93%
CMY	0.1765, 0.1451, 0.0745
CMYK	0.11, 0.08, 0.00, 0.07
HSL	222°, 41%, 87%
HSV	222°, 11%, 93%
XYZ	66.7901, 69.9006, 89.3288
YIQ	217.6600, -10.5460, 3.9020

# Conversions

## Conversions Part 2

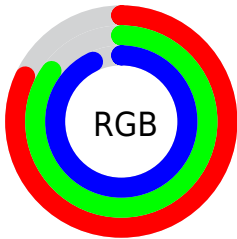
Format	Color
R <sub>YB</sub>	210, 216, 236
Decimal	13818604
CIE Lab	86.95, 0.78, -9.73
CIE LCh	87, 9.764, 274.591
Yxy	69.9006, 0.2955, 0.3093
Android (android.graphics.Color)	4292008684 (0xFFD2DAEC)
YUV	217.6600, 9.0416, -6.7178
Hunter-Lab	83.6066, -3.7147, -4.8234

# Details

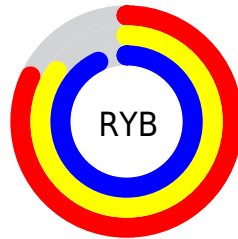
The Hex color **D2DAEC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECE4D2**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **9BA3B4** is the 20% darker color. If you saturate the color by 10%, you get **BACAEC**, and if you desaturate by 10%, it is **EAEAEC**.

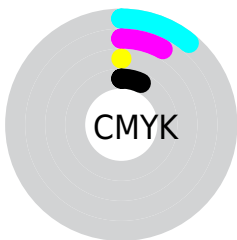
# Distribution



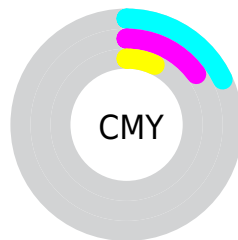
- Red (82%)
- Green (85%)
- Blue (93%)



- Red (82%)
- Yellow (85%)
- Blue (93%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2DAEC 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 D2DAEC by changing the saturation by 10% instead.



■ D2DAEC

FFFFFF

■ D2DAEC

■ B6BED0

■ 9BA3B4

■ 818999

■ 68707F

■ 505766

■ 39404E

■ 232A38

■ 0E1622

■ 00000B

 D2DAEC

 D2DAEC

 BACAEC

 EAEAEC

 A3B9EC

 FFFBEC

 8BA9EC


 FFFFEC

 7499EC

 5C88EC

 4478EC

 2D68EC

 1557EC

 0049EC

# Harmonies

## Analogous

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



C8DDEA



D2DAEC



DED7E9

# Triad

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



D2DAEC



EED4D0



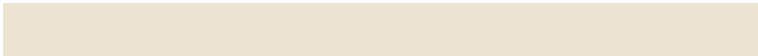
CBDFD2

# Complementary

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



D2DAEC



ECE4D2

# 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.



D5DCCA



D2DAEC



E9D7C9

# Square

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



D2DAEC



EDD4D9



E0DAC7



C5DFDB

# Rectangle

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



D2DAEC



E4D5E5



E0DAC7



CEDECF



# Sweetspot

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



D2DAEC



F7FAFF



D2ECE4



7A7C80



000000



808080



# Same Dimension

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



D2DAEC



DEE8FF



D7D2EC



6A6D75



0038B5



001036



# Inverse Universe

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



ECD2DA



FFDEE8



E7ECD2



756A6D



B50038

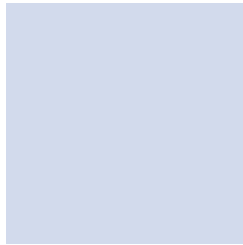


360010



# Previews

## White Background



This preview shows how the Hex color D2DAEC looks on a white background.

## Color Contrast Check

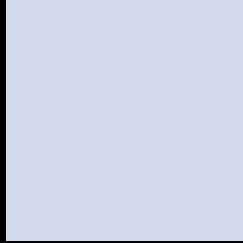
Large Text (above 18pt) WCAG AA × Fail

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 D2DAEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

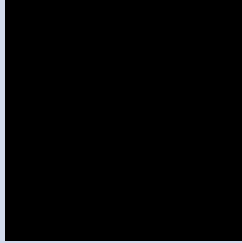
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

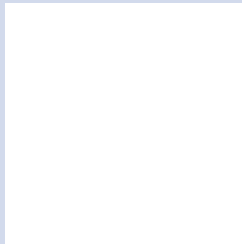
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2DAEC Background



This preview shows how black text looks on a background with the Hex color D2DAEC.

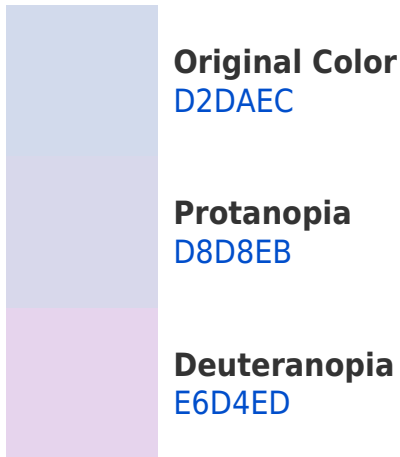


This preview shows how white text looks on a background with the Hex color D2DAEC.

# Color Blindness Simulation

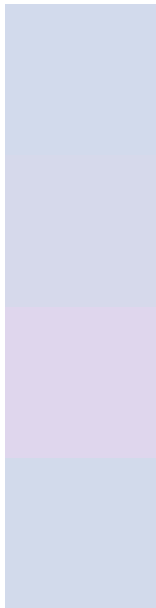
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D2DAEC

**Protanomaly**  
D6D9EB

**Deuteranomaly**  
DFD6ED

**Tritanomaly**  
D2DAEB

# Monochromacy



**Original Color**  
D2DAEC

**Achromatopsia**  
DADADA

**Achromatomaly**  
D7DAE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2DAEC 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 #D2DAEC looks like.

```
.text, #text, p{  
    color:#D2DAEC  
}
```

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 #D2DAEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2DAEC
}
```

## Border

The CSS property to change the border of an element to Hex D2DAEC 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
#D2DAEC }
```

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

```
.border{ border-color:#D2DAEC }
```

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

Here you see how a box with a 4 pixel #D2DAEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2DAEC; -webkit-box-shadow:4px 4px  
4px 4px #D2DAEC; box-shadow:4px 4px 4px  
4px #D2DAEC }
```

# Background

The CSS property to change the background color of an element to Hex D2DAEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2DAEC }
```

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

```
.background{ background-color:#D2DAEC }
```

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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