

# Converting Colors

Hex(D2C6E7)

Have a look what the booklet for  
Hex(D2C6E7) contains.

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# **Color**

**Hex(D2C6E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2C6E7
RGB	210, 198, 231
RGB Percent	82%, 78%, 91%
CMY	0.1765, 0.2235, 0.0941
CMYK	0.09, 0.14, 0.00, 0.09
HSL	262°, 41%, 84%
HSV	262°, 14%, 91%
XYZ	61.1962, 59.8593, 83.9299
YIQ	205.3500, -3.4410, 12.8070

# Conversions

## Conversions Part 2

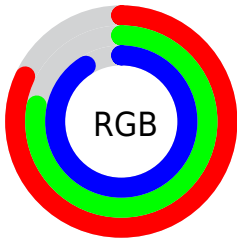
Format	Color
R <sub>Y</sub> B	210, 198, 231
Decimal	13813479
CIE Lab	81.76, 10.36, -14.82
CIE LCh	82, 18.087, 304.957
Yxy	59.8593, 0.2985, 0.2920
Android (android.graphics.Color)	4292003559 (0xFFD2C6E7)
YUV	205.3500, 12.6455, 4.0781
Hunter-Lab	77.3688, 5.7923, -10.1598

# Details

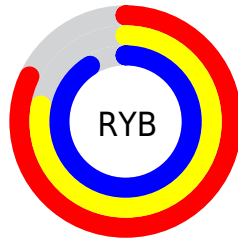
The Hex color **D2C6E7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBE7C6**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **9B90AF** is the 20% darker color. If you saturate the color by 10%, you get **C3AFE7**, and if you desaturate by 10%, it is **E1DDE7**.

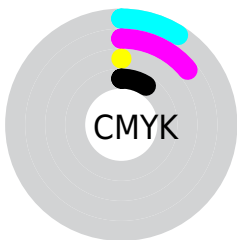
# Distribution



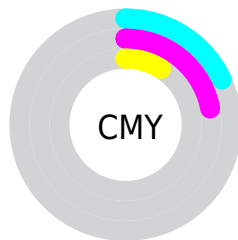
- Red (82%)
- Green (78%)
- Blue (91%)



- Red (82%)
- Yellow (78%)
- Blue (91%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2C6E7 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 D2C6E7 by changing the saturation by 10% instead.




 D2C6E7

FFFFFF

 D2C6E7

 B6ABCB

 9B90AF

 817795

 685E7B

 504662

 38304A

 221B33

 0F001F

 000002

 D2C6E7

 D2C6E7

 C3AFE7

 E1DDE7

 B598E7

 EFF4E7

 A681E7

 FEFFE7

 976AE7

 FFFFE7

 8853E7

 7A3BE7

 6B24E7

 5C0DE7

 5400E7

# Harmonies

## Analogous

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



BCCCED



D2C6E7



E4C1DA

# Triad

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



D2C6E7



E5C5AD



A2D5CE

# Complementary

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



D2C6E7



DBE7C6

# 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.



B0D4BC



D2C6E7



D6CBAA

# Square

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



D2C6E7



EEC1B9



C3D0AF



9FD4DE

# Rectangle

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



D2C6E7



ECC0CF



C3D0AF



A6D5C8



# Sweetspot

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



D2C6E7



F9F5FF



C6DBE7



7B7980



000000



808080



# Same Dimension

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



D2C6E7



E3D4FF



E2C6E7



6B6773



4100B3



130033



# Inverse Universe

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



E7C6DB



FFD4EF



CBE7C6



73676F



B30072

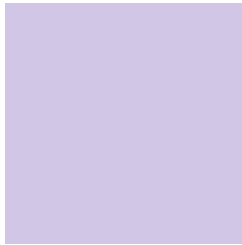


330020



# Previews

## White Background



This preview shows how the Hex color D2C6E7 looks on a white background.

## Color Contrast Check

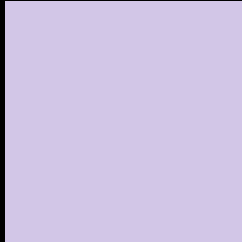
Large Text (above 18pt) WCAG AA × Fail

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 D2C6E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

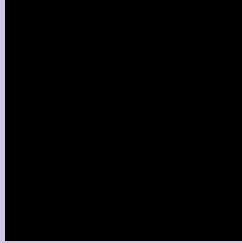
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2C6E7 Background



This preview shows how black text looks on a background with the Hex color D2C6E7.



This preview shows how white text looks on a background with the Hex color D2C6E7.

# 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



**Original Color**  
D2C6E7

**Protanopia**  
C6CAE9

**Deuteranopia**  
D2C6E7



# Trichromacy



**Original Color**  
D2C6E7

**Protanomaly**  
CAC9E8

**Deuteranomaly**  
D2C6E7

**Tritanomaly**  
D1C7DD

# Monochromacy



**Original Color**  
D2C6E7

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CFCAD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2C6E7 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 #D2C6E7 looks like.

```
.text, #text, p{  
    color:#D2C6E7  
}
```

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 #D2C6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C6E7
}
```

## Border

The CSS property to change the border of an element to Hex D2C6E7 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
#D2C6E7 }
```

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

```
.border{ border-color:#D2C6E7 }
```

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

Here you see how a box with a 4 pixel #D2C6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C6E7; -webkit-box-shadow:4px 4px  
4px 4px #D2C6E7; box-shadow:4px 4px 4px  
4px #D2C6E7 }
```

# Background

The CSS property to change the background color of an element to Hex D2C6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C6E7 }
```

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

```
.background{ background-color:#D2C6E7 }
```

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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