

# Converting Colors

Hex(D1CBDF)

Have a look what the booklet for  
Hex(D1CBDF) contains.

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# **Color**

**Hex(D1CBDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1CBDF
RGB	209, 203, 223
RGB Percent	82%, 80%, 87%
CMY	0.1804, 0.2039, 0.1255
CMYK	0.06, 0.09, 0.00, 0.13
HSL	258°, 24%, 84%
HSV	258°, 9%, 87%
XYZ	60.9697, 61.5949, 78.4876
YIQ	207.0740, -2.8440, 7.4920

# Conversions

## Conversions Part 2

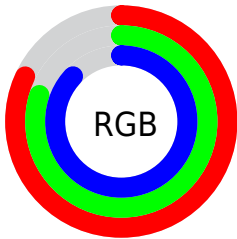
Format	Color
R <sub>Y</sub> B	209, 203, 223
Decimal	13749215
CIE Lab	82.70, 5.80, -9.16
CIE LCh	83, 10.838, 302.329
Yxy	61.5949, 0.3033, 0.3064
Android (android.graphics.Color)	4291939295 (0xFFD1CBDF)
YUV	207.0740, 7.8515, 1.6891
Hunter-Lab	78.4824, 1.3250, -4.3562

# Details

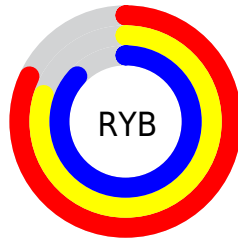
The Hex color **D1CBDF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9DFCB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9B95A8** is the 20% darker color. If you saturate the color by 10%, you get **C1B5DF**, and if you desaturate by 10%, it is **E1E1DF**.

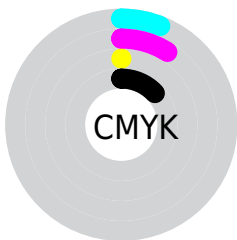
# Distribution



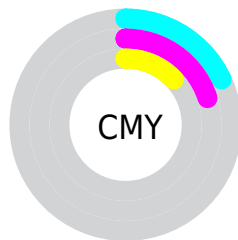
- Red (82%)
- Green (80%)
- Blue (87%)



- Red (82%)
- Yellow (80%)
- Blue (87%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1CBDF 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 D1CBDF by changing the saturation by 10% instead.




 D1CBDF

FFFFFF

 D1CBDF

 B5B0C3

 9B95A8

 817B8D

 676274

 4F4A5B

 383444

 231F2E

 0E0619

 000000

 D1CBDF

 D1CBDF

 C1B5DF

 E1E1DF

 B29EDF

 F0F8DF

 A288DF

 FFFFDF

 9372DF

 835BDF

 7345DF

 642FDF

 5419DF

 4502DF

# Harmonies

## Analogous

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



C4CEE2



D1CBDF



DCC8D7

# Triad

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



D1CBDF



DFCABC



B7D4CE

# Complementary

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



D1CBDF



D9DFCB

# 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.



BFD3C4



D1CBDF



D6CDBA

# Square

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



D1CBDF



E4C8C3



CAD1BD



B5D3D8

# Rectangle

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



D1CBDF



E1C7D1



CAD1BD



B9D4CB



# Sweetspot

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



D1CBDF



FAF7FF



CBD9DF



7C7A80



000000



808080



# Same Dimension

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



D1CBDF



EBE3FF



DBCBDf



686570



3500B0



0F0030



# Inverse Universe

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



DFCBD9



FFE3F7



CFDFCB



70656D



B0007B

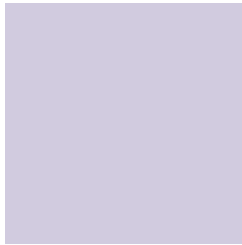


300022



# Previews

## White Background



This preview shows how the Hex color D1CBDF looks on a white background.

## Color Contrast Check

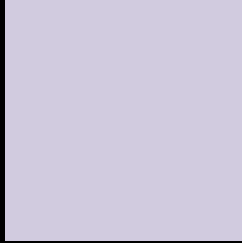
Large Text (above 18pt) WCAG AA × Fail

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 D1CBDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

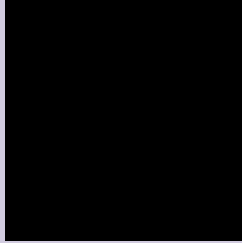
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

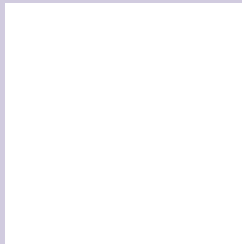
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1CBDF Background



This preview shows how black text looks on a background with the Hex color D1CBDF.



This preview shows how white text looks on a background with the Hex color D1CBDF.

# 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**  
D1CBDF

**Protanopia**  
CCCCE0

**Deuteranopia**  
DAC8E0



# Trichromacy



**Original Color**  
D1CBDF

**Protanomaly**  
CECCE0

**Deuteranomaly**  
D7C9E0

**Tritanomaly**  
D0CCDD

# Monochromacy



**Original Color**  
D1CBDF

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D0CED5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1CBDF 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 #D1CBDF looks like.

```
.text, #text, p{  
    color:#D1CBDF  
}
```

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 #D1CBDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1CBDF
}
```

## Border

The CSS property to change the border of an element to Hex D1CBDF 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
#D1CBDF }
```

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

```
.border{ border-color:#D1CBDF }
```

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

Here you see how a box with a 4 pixel #D1CBDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1CBDF; -webkit-box-shadow:4px 4px  
4px 4px #D1CBDF; box-shadow:4px 4px 4px  
4px #D1CBDF }
```

# Background

The CSS property to change the background color of an element to Hex D1CBDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1CBDF }
```

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

```
.background{ background-color:#D1CBDF }
```

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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