

Converting Colors

Hex(CD9DEE)

Have a look what the booklet for
Hex(CD9DEE) contains.

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Color

Hex(CD9DEE)

Conversions

Conversions Part 1

Format	Color
Hex	CD9DEE
RGB	205, 157, 238
RGB Percent	80%, 62%, 93%
CMY	0.1961, 0.3843, 0.0667
CMYK	0.14, 0.34, 0.00, 0.07
HSL	276°, 70%, 77%
HSV	276°, 34%, 93%
XYZ	52.6664, 43.2661, 86.4643
YIQ	180.5860, 2.6070, 35.3670

Conversions

Conversions Part 2

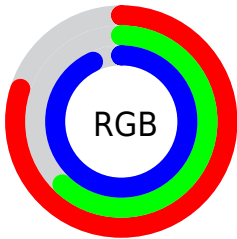
Format	Color
R _Y B	205, 157, 238
Decimal	13475310
CIE Lab	71.74, 32.51, -33.94
CIE LCh	72, 46.997, 313.768
Yxy	43.2661, 0.2887, 0.2372
Android (android.graphics.Color)	4291665390 (0xFFCD9DEE)
YUV	180.5860, 28.3051, 21.4111
Hunter-Lab	65.7770, 27.8119, -31.8932

Details

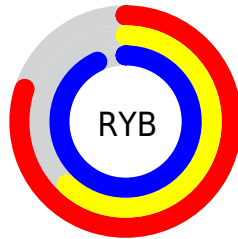
The Hex color **CD9DEE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BEEE9D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD4FF**, and **9669B6** is the 20% darker color. If you saturate the color by 10%, you get **C385EE**, and if you desaturate by 10%, it is **D7B5EE**.

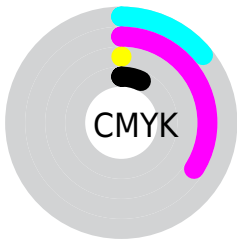
Distribution



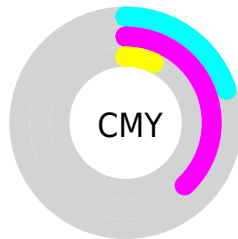
- Red (80%)
- Green (62%)
- Blue (93%)



- Red (80%)
- Yellow (62%)
- Blue (93%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD9DEE 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 CD9DEE by changing the saturation by 10% instead.

 CD9DEE

 CD9DEE

FFFFFF

 B183D2

 FFD4FF

 9669B6

 FFF1FF

 7B509B

 613880

 482167

 2F094F

 1B0037

 000221

 000006

 CD9DEE

 CD9DEE

 C385EE

 D7B5EE

 BA6DEE

 E0CDEE

 B056EE

 EAE4EE

 A63EEE

 F4FCEE

 9D26EE

 FDFEE

 930EEE

 FFFFEE

 8D00EE

Harmonies

Analogous

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



8EADFF



CD9DEE



F490C9

Triad

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



CD9DEE



DEA55D



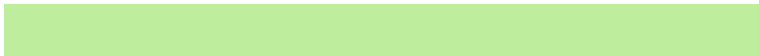
00C6C3

Complementary

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



CD9DEE



BEEE9D

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.



49C496



CD9DEE



B7B45A

Square

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



CD9DEE



F99676



87BE70



00C3EA

Rectangle

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



CD9DEE



FF8CAC



87BE70



00C6B4

Sweetspot

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



CD9DEE



F5E6FF



9DBFEE



797080



000000



808080

Same Dimension

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



CD9DEE



D496FF



EE9DE7



736C78



6D00B8



210038

Inverse Universe

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



EE9DBE



FF96C1



9DEEA4



786C71



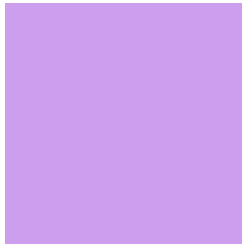
B8004B



380017

Previews

White Background



This preview shows how the Hex color CD9DEE looks on a white background.

Color Contrast Check

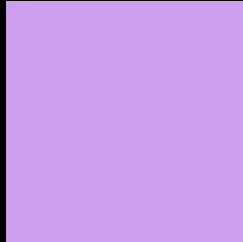
Large Text (above 18pt) WCAG AA × Fail

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 CD9DEE 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 CD9DEE Background



This preview shows how black text looks on a background with the Hex color CD9DEE.

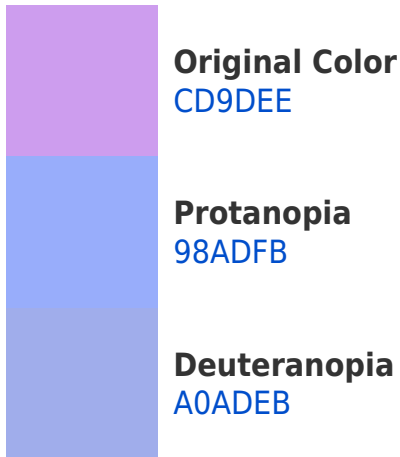


This preview shows how white text looks on a background with the Hex color CD9DEE.

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
C4A8B6

Trichromacy



Original Color
CD9DEE



Protanomaly
ABA7F6



Deuteranomaly
B0A7EC

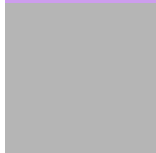


Tritanomaly
C7A4CA

Monochromacy



Original Color
CD9DEE



Achromatopsia
B5B5B5



Achromatomaly
BEACCA

CSS Examples

Text

The CSS property to change the color of the text to Hex CD9DEE 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 #CD9DEE looks like.

```
.text, #text, p{  
    color:#CD9DEE  
}
```

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 #CD9DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9DEE
}
```

Border

The CSS property to change the border of an element to Hex CD9DEE 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
#CD9DEE }
```

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

```
.border{ border-color:#CD9DEE }
```

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

Here you see how a box with a 4 pixel #CD9DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9DEE; -webkit-box-shadow:4px 4px  
4px 4px #CD9DEE; box-shadow:4px 4px 4px  
4px #CD9DEE }
```

Background

The CSS property to change the background color of an element to Hex CD9DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9DEE }
```

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

```
.background{ background-color:#CD9DEE }
```

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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