

Converting Colors

Hex(DC99DD)

Have a look what the booklet for
Hex(DC99DD) contains.

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Color

Hex(DC99DD)

Conversions

Conversions Part 1

Format	Color
Hex	DC99DD
RGB	220, 153, 221
RGB Percent	86%, 60%, 87%
CMY	0.1373, 0.4000, 0.1333
CMYK	0.00, 0.31, 0.00, 0.13
HSL	299°, 50%, 73%
HSV	299°, 31%, 87%
XYZ	53.9576, 43.2186, 73.9048
YIQ	180.7850, 18.1040, 35.3520

Conversions

Conversions Part 2

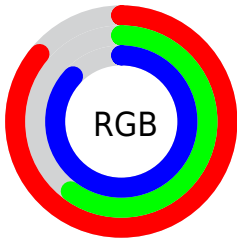
Format	Color
R_{YB}	220, 153, 221
Decimal	14457309
CIE _{Lab}	71.70, 35.98, -24.55
CIE _{LCh}	72, 43.557, 325.687
Yxy	43.2186, 0.3154, 0.2526
Android (android.graphics.Color)	4292647389 (0xFFDC99DD)
YUV	180.7850, 19.8260, 34.3916
Hunter-Lab	65.7408, 31.4596, -20.6343

Details

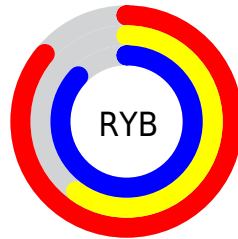
The Hex color **DC99DD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ADD99**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD0FF**, and **A465A6** is the 20% darker color. If you saturate the color by 10%, you get **DC83DD**, and if you desaturate by 10%, it is **DCAFD**.

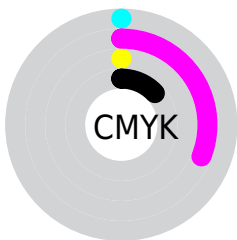
Distribution



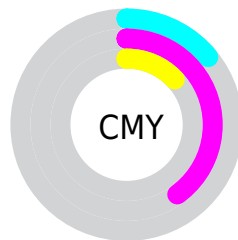
- Red (86%)
- Green (60%)
- Blue (87%)



- Red (86%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC99DD 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 DC99DD by changing the saturation by 10% instead.

 DC99DD

 DC99DD

FFFFFF

 C07EC1

 FFD0FF

 A465A6

 FFEDFF

 894C8B

 6F3372

 551B59

 3C0041

 27002B

 000115

 000000

 DC99DD

 DC99DD

 DC83DD

 DCAFDD

 DB6DDD

 DDC5DD

 DB57DD

 DDDBDD

 DB41DD

 DDF1DD

 DA2BDD

 DEFFDD

 DA14DD

 DFFFDD

 DA00DD

Harmonies

Analogous

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



ABA8F7



DC99DD



F790B7

Triad

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



DC99DD



CEAB5F



00C4D1

Complementary

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



DC99DD



9ADD99

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.



38C4A8



DC99DD



A6B866

Square

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



DC99DD



EC9D6F



77C081



00BFF0

Rectangle

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



DC99DD



FC909C



77C081



00C5C4

Sweetspot

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



DC99DD



FFE8FF



999ADD



7F7180



000000



808080

Same Dimension

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



DC99DD



FEA1FF



DD99BC



6D636E



AB00AD



2D002E

Inverse Universe

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



DD999A



FFA1A2



99DDBA



6E6363



AD0003



2E0001

Previews

White Background



This preview shows how the Hex color DC99DD looks on a white background.

Color Contrast Check

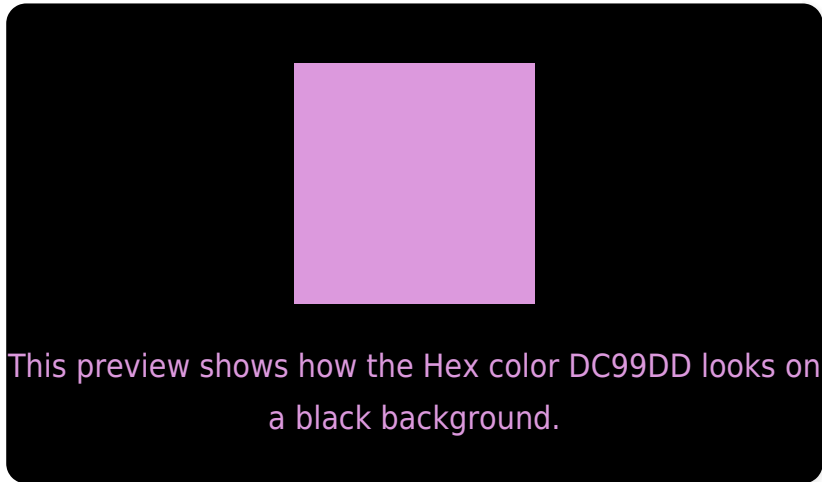
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

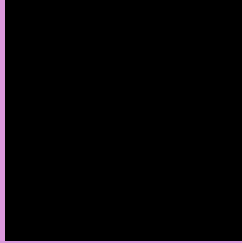
Any Text WCAG AA ✓ Pass

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 DC99DD Background



This preview shows how black text looks on a background with the Hex color DC99DD.

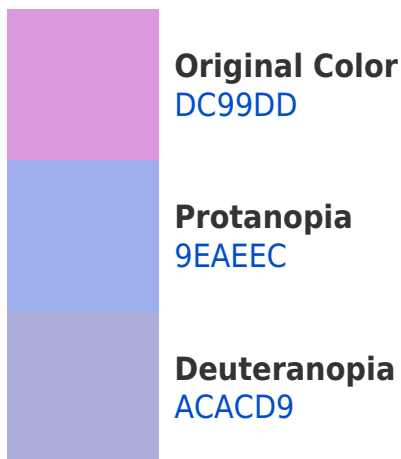


This preview shows how white text looks on a background with the Hex color DC99DD.

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
D6A2AF

Trichromacy



Original Color
DC99DD



Protanomaly
B5A6E7



Deuteranomaly
BDA5DA



Tritanomaly
D89FC0

Monochromacy



Original Color
DC99DD



Achromatopsia
B5B5B5



Achromatomaly
C3ABC4

CSS Examples

Text

The CSS property to change the color of the text to Hex DC99DD 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 #DC99DD looks like.

```
.text, #text, p{  
    color:#DC99DD  
}
```

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 #DC99DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC99DD
}
```

Border

The CSS property to change the border of an element to Hex DC99DD 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
#DC99DD }
```

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

```
.border{ border-color:#DC99DD }
```

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

Here you see how a box with a 4 pixel #DC99DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC99DD; -webkit-box-shadow:4px 4px  
4px 4px #DC99DD; box-shadow:4px 4px 4px  
4px #DC99DD }
```

Background

The CSS property to change the background color of an element to Hex DC99DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC99DD }
```

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

```
.background{ background-color:#DC99DD }
```

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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