

Converting Colors

Hex(DB99CC)

Have a look what the booklet for
Hex(DB99CC) contains.

Hex(DB99CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB99CC)

Conversions

Conversions Part 1

Format	Color
Hex	DB99CC
RGB	219, 153, 204
RGB Percent	86%, 60%, 80%
CMY	0.1412, 0.4000, 0.2000
CMYK	0.00, 0.30, 0.07, 0.14
HSL	314°, 48%, 73%
HSV	314°, 30%, 86%
XYZ	51.5037, 42.2022, 62.5580
YIQ	178.5480, 22.9650, 29.8530

Conversions

Conversions Part 2

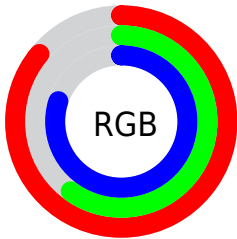
Format	Color
R _Y B	219, 153, 204
Decimal	14391756
CIE Lab	71.01, 32.59, -16.25
CIE LCh	71, 36.416, 333.500
Yxy	42.2022, 0.3296, 0.2701
Android (android.graphics.Color)	4292581836 (0xFFDB99CC)
YUV	178.5480, 12.5478, 35.4764
Hunter-Lab	64.9632, 27.8317, -11.6206

Details

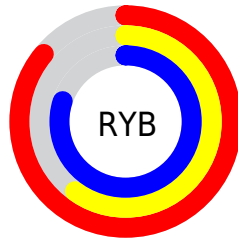
The Hex color **DB99CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99DBA8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD0FF**, and **A36596** is the 20% darker color. If you saturate the color by 10%, you get **DB83C7**, and if you desaturate by 10%, it is **DBAFD1**.

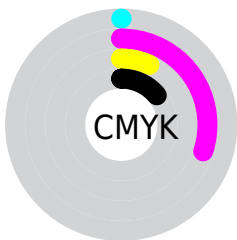
Distribution



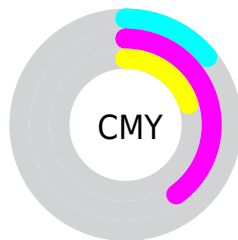
- Red (86%)
- Green (60%)
- Blue (80%)



- Red (86%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB99CC 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 DB99CC by changing the saturation by 10% instead.

 DB99CC

FFFFFF

 FFD0FF

 FFEDFF

 DB99CC

 BF7FB1

 A36596

 884C7C

 6E3463

 551C4B

 3C0234

 28001F

 000002

 000000

 DB99CC

 DB99CC

 DB83C7

 DBAFD1

 DB6DC2

 DBC5D6

 DB57BD

 DBDBDB

 DB41B8

 DBF1E0

 DB2CB3

 DBFFE5

 DB16AE

 DBFFEA

 DB00A9

 DBFFEF

 DBFFF4

 DBFFF9

Harmonies

Analogous

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



B7A4E5



DB99CC



ED94AB

Triad

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



DB99CC



C0AD6B



2DBED1

Complementary

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



DB99CC



99DBA8

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.



4AC0B1



DB99CC



9DB775

Square

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



DB99CC



DCA273



75BD8F



4EB9E8

Rectangle

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



DB99CC



EF9695



75BD8F



32BFC7

Sweetspot

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



DB99CC



FFE8FA



A799DB



80717C



000000



808080

Same Dimension

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



DB99CC



FFA3EA



DB99AC



6E636B



AD0086



2E0023

Inverse Universe

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



DB99CC



FFA3EA



99DBC8



6E636B



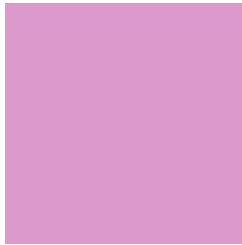
AD0086



2E0023

Previews

White Background



This preview shows how the Hex color DB99CC looks on a white background.

Color Contrast Check

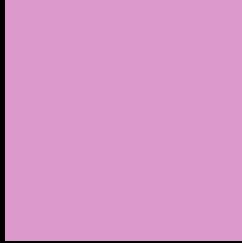
Large Text (above 18pt) WCAG AA × Fail

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 DB99CC 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 DB99CC Background



This preview shows how black text looks on a background with the Hex color DB99CC.

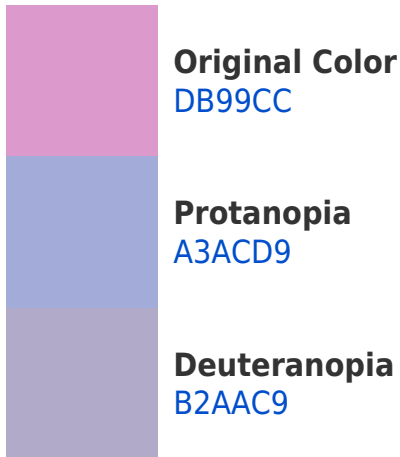


This preview shows how white text looks on a background with the Hex color DB99CC.

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
D79FAB

Trichromacy



Original Color
DB99CC



Protanomaly
B7A5D4



Deuteranomaly
C1A4CA



Tritanomaly
D89DB7

Monochromacy



Original Color
DB99CC



Achromatopsia
B3B3B3



Achromatomaly
C2AABC

CSS Examples

Text

The CSS property to change the color of the text to Hex DB99CC 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 #DB99CC looks like.

```
.text, #text, p{  
    color:#DB99CC  
}
```

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 #DB99CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB99CC  
}
```

Border

The CSS property to change the border of an element to Hex DB99CC 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  
#DB99CC }
```

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

```
.border{ border-color:#DB99CC }
```

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

Here you see how a box with a 4 pixel #DB99CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB99CC; -webkit-box-shadow:4px 4px  
4px 4px #DB99CC; box-shadow:4px 4px 4px  
4px #DB99CC }
```

Background

The CSS property to change the background color of an element to Hex DB99CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB99CC }
```

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

```
.background{ background-color:#DB99CC }
```

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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