

Converting Colors

Hex(DB8ED9)

Have a look what the booklet for
Hex(DB8ED9) contains.

Hex(DB8ED9)	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(DB8ED9)

Conversions

Conversions Part 1

Format	Color
Hex	DB8ED9
RGB	219, 142, 217
RGB Percent	86%, 56%, 85%
CMY	0.1412, 0.4431, 0.1490
CMYK	0.00, 0.35, 0.01, 0.14
HSL	302°, 52%, 71%
HSV	302°, 35%, 86%
XYZ	51.4108, 39.4158, 70.5440
YIQ	173.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

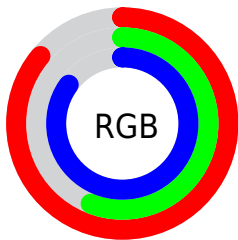
Format	Color
R _Y B	219, 142, 217
Decimal	14388953
CIE Lab	69.05, 40.79, -26.42
CIE LCh	69, 48.596, 327.067
Yxy	39.4158, 0.3186, 0.2443
Android (android.graphics.Color)	4292579033 (0xFFDB8ED9)
YUV	173.5730, 21.4095, 39.8395
Hunter-Lab	62.7820, 36.3011, -22.6728

Details

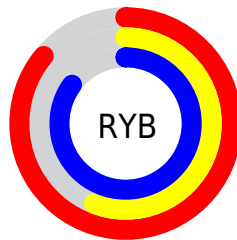
The Hex color **DB8ED9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EDB90**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5FF**, and **A35AA2** is the 20% darker color. If you saturate the color by 10%, you get **DB78D8**, and if you desaturate by 10%, it is **DBA4DA**.

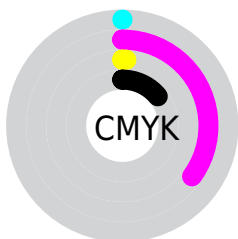
Distribution



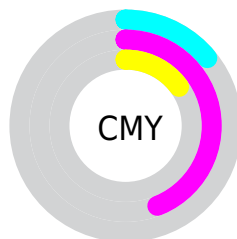
- Red (86%)
- Green (56%)
- Blue (85%)



- Red (86%)
- Yellow (56%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB8ED9 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 DB8ED9 by changing the saturation by 10% instead.

 DB8ED9

 DB8ED9

FFFFFF

 BF74BD

 FFC5FF

 A35AA2

 FFE1FF

 884188


FFFEFF

 6D276E

 530B55

 3A003E

 260028

 000111

 000000

 DB8ED9

 DB8ED9

 DB78D8

 DBA4DA

 DB62D8

 DBBADA

 DB4CD7

 DBD0DB

 DB36D7

 DBE6DB

 DB21D6

 DBFCDC

 DB0BD6

 DBFFDC

 DB00D5

 DBFFDD

 DBFFDE

Harmonies

Analogous

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



A59FF7



DB8ED9



F784AF

Triad

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



DB8ED9



C7A54E



00BECF

Complementary

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



DB8ED9



8EDB90

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.



00BFA3



DB8ED9



9BB257

Square

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



DB8ED9



E89560



64BB77



00B9F1

Rectangle

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



DB8ED9



FC8591



64BB77



00BFC1

Sweetspot

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



DB8ED9



FFE3FE



8F8EDB



806F7F



000000



808080

Same Dimension

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



DB8ED9



FF94FC



DB8EB3



6E636D



AD00A9



2E002D

Inverse Universe

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



DB8ED9



FF94FC



8EDBB6



6E636D



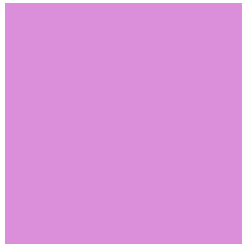
AD00A9



2E002D

Previews

White Background



This preview shows how the Hex color DB8ED9 looks on a white background.

Color Contrast Check

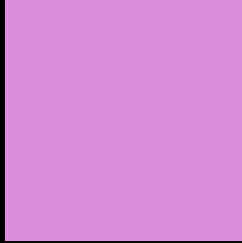
Large Text (above 18pt) WCAG AA × Fail

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 DB8ED9 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 DB8ED9 Background



This preview shows how black text looks on a background with the Hex color DB8ED9.

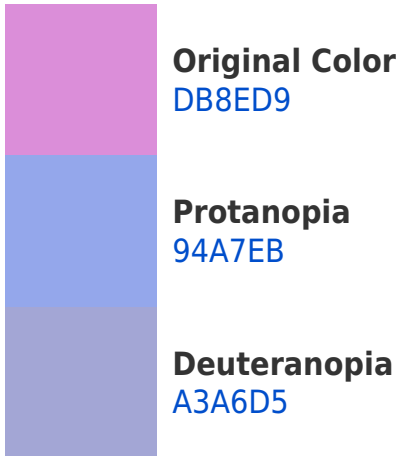


This preview shows how white text looks on a background with the Hex color DB8ED9.

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
D499A4

Trichromacy



Original Color
DB8ED9



Protanomaly
AE9EE4



Deuteranomaly
B79DD6

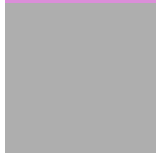


Tritanomaly
D795B7

Monochromacy



Original Color
DB8ED9



Achromatopsia
AEAEAE



Achromatomaly
BEA2BE

CSS Examples

Text

The CSS property to change the color of the text to Hex DB8ED9 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 #DB8ED9 looks like.

```
.text, #text, p{  
    color:#DB8ED9  
}
```

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 #DB8ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8ED9
}
```

Border

The CSS property to change the border of an element to Hex DB8ED9 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
#DB8ED9 }
```

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

```
.border{ border-color:#DB8ED9 }
```

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

Here you see how a box with a 4 pixel #DB8ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8ED9; -webkit-box-shadow:4px 4px  
4px 4px #DB8ED9; box-shadow:4px 4px 4px  
4px #DB8ED9 }
```

Background

The CSS property to change the background color of an element to Hex DB8ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8ED9 }
```

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

```
.background{ background-color:#DB8ED9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor