

Converting Colors

Hex(DB9AEC)

Have a look what the booklet for
Hex(DB9AEC) contains.

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Color

Hex(DB9AEC)

Conversions

Conversions Part 1

Format	Color
Hex	DB9AEC
RGB	219, 154, 236
RGB Percent	86%, 60%, 93%
CMY	0.1412, 0.3961, 0.0745
CMYK	0.07, 0.35, 0.00, 0.07
HSL	288°, 68%, 76%
HSV	288°, 35%, 93%
XYZ	55.9093, 44.2274, 84.9469
YIQ	182.7830, 12.4180, 39.2820

Conversions

Conversions Part 2

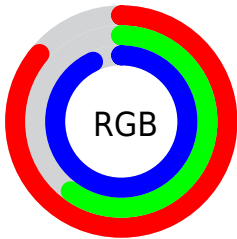
Format	Color
R _Y B	219, 154, 236
Decimal	14392044
CIE Lab	72.38, 37.99, -31.74
CIE LCh	72, 49.503, 320.125
Yxy	44.2274, 0.3021, 0.2390
Android (android.graphics.Color)	4292582124 (0xFFDB9AEC)
YUV	182.7830, 26.2360, 31.7623
Hunter-Lab	66.5037, 33.6827, -29.1801

Details

The Hex color **DB9AEC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABEC9A**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD1FF**, and **A366B4** is the 20% darker color. If you saturate the color by 10%, you get **D682EC**, and if you desaturate by 10%, it is **E0B2EC**.

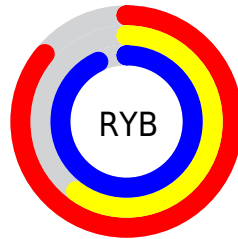
Distribution



Red (86%)

Green (60%)

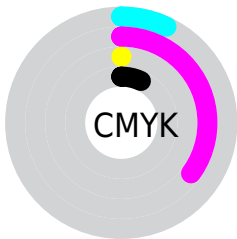
Blue (93%)



Red (86%)

Yellow (60%)

Blue (93%)

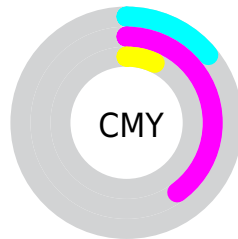


Cyan (7%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB9AEC 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 DB9AEC by changing the saturation by 10% instead.

 DB9AEC

FFFFFF

 FFD1FF

 FFEEFF

 DB9AEC

 BF7FD0

 A366B4

 884C99

 6D347F

 541B65

 3B004D

 250036

 000020

 000003

 DB9AEC

 DB9AEC

 D682EC

 E0B2EC

 D16BEC

 E5C9EC

 CC53EC

 EAE1EC

 C73CEC

 EFF8EC

 C324EC

 F3FFEC

 BE0CEC

 F8FFEC

 BB00EC

 FDF FEC

 FFFFEC

Harmonies

Analogous

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



9EABFF



DB9AEC



FE8EC2

Triad

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



DB9AEC



DAAA57



00C9CF

Complementary

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



DB9AEC



ABEC9A

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.



28C8A0



DB9AEC



AFB859

Square

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



DB9AEC



F9996E



7AC275



00C4F6

Rectangle

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



DB9AEC



FF8CA4



7AC275



00C9C0

Sweetspot

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



DB9AEC



FAE6FF



9AAEC



7C7080



000000



808080

Same Dimension

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



DB9AEC



E994FF



EC9AD5



736A75



9000B5



2A0036

Inverse Universe

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



EC9AAB



FF94AA



9AECB1



756A6C



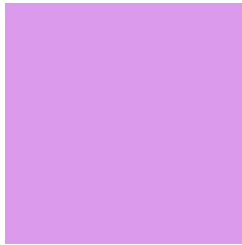
B50026



36000B

Previews

White Background



This preview shows how the Hex color DB9AEC looks on a white background.

Color Contrast Check

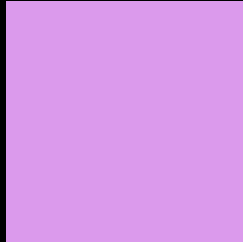
Large Text (above 18pt) WCAG AA × Fail

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 DB9AEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

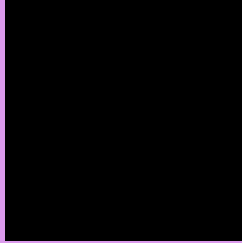
Any Text WCAG AA ✓ Pass

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 DB9AEC Background



This preview shows how black text looks on a background with the Hex color DB9AEC.

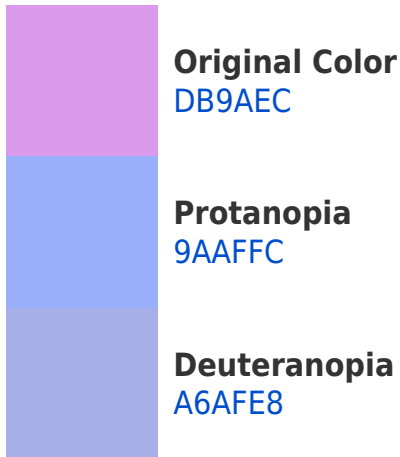


This preview shows how white text looks on a background with the Hex color DB9AEC.

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](#).

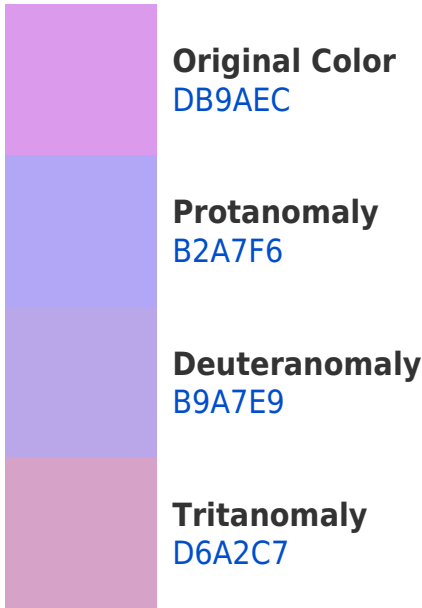
Dichromacy



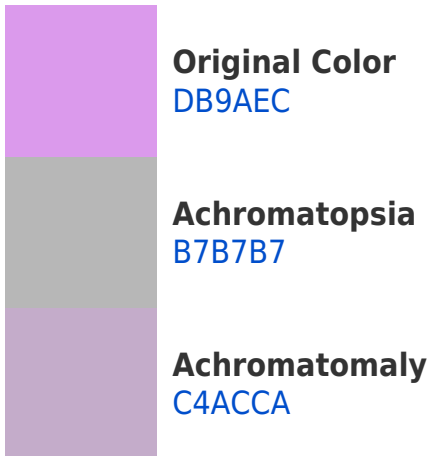


Tritanopia
D3A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB9AEC 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 #DB9AEC looks like.

```
.text, #text, p{  
    color:#DB9AEC  
}
```

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 #DB9AEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9AEC
}
```

Border

The CSS property to change the border of an element to Hex DB9AEC 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
#DB9AEC }
```

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

```
.border{ border-color:#DB9AEC }
```

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

Here you see how a box with a 4 pixel #DB9AEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9AEC; -webkit-box-shadow:4px 4px  
4px 4px #DB9AEC; box-shadow:4px 4px 4px  
4px #DB9AEC }
```

Background

The CSS property to change the background color of an element to Hex DB9AEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9AEC }
```

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

```
.background{ background-color:#DB9AEC }
```

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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