

Converting Colors

Hex(DB7AAE)

Have a look what the booklet for
Hex(DB7AAE) contains.

Hex(DB7AAE)	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(DB7AAE)

Conversions

Conversions Part 1

Format	Color
Hex	DB7AAE
RGB	219, 122, 174
RGB Percent	86%, 48%, 68%
CMY	0.1412, 0.5216, 0.3176
CMYK	0.00, 0.44, 0.21, 0.14
HSL	328°, 57%, 67%
HSV	328°, 44%, 86%
XYZ	43.8129, 32.0351, 43.9186
YIQ	156.9310, 41.1200, 36.7360

Conversions

Conversions Part 2

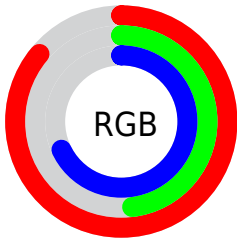
Format	Color
R_{YB}	219, 122, 174
Decimal	14383790
CIE _{Lab}	63.37, 44.12, -10.92
CIE _{LCh}	63, 45.453, 346.093
Yxy	32.0351, 0.3658, 0.2675
Android (android.graphics.Color)	4292573870 (0xFFDB7AAE)
YUV	156.9310, 8.4150, 54.4345
Hunter-Lab	56.5996, 39.1250, -6.3865

Details

The Hex color **DB7AAE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7ADBA7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB0E5**, and **A2467A** is the 20% darker color. If you saturate the color by 10%, you get **DB64A4**, and if you desaturate by 10%, it is **DB90B8**.

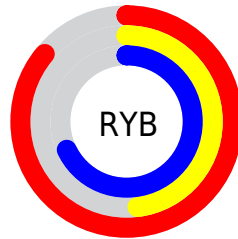
Distribution



Red (86%)

Green (48%)

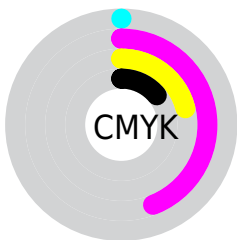
Blue (68%)



Red (86%)

Yellow (48%)

Blue (68%)

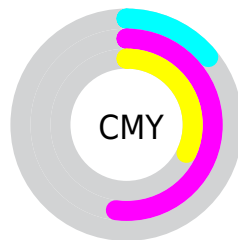


Cyan (0%)

Magenta (44%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7AAE 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 DB7AAE by changing the saturation by 10% instead.

 DB7AAE

 DB7AAE

FFFFFF

 BE6093

 FFB0E5

 A2467A

 FFCDFE

 862C61

 FFE9FF

 6B0D49

 510032

 38001E

 1D0001

 000000

 DB7AAE

 DB7AAE

 DB64A4

 DB90B8

 DB4E9A

 DBA6C2

 DB3890

 DBBCCC

 DB2285

 DBD2D7

 DB0D7B

 DBE8E1

 DB0075

 DBFDEB

 DBFFF5

 DBFFFF

Harmonies

Analogous

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



B886D2



DB7AAE



E67885

Triad

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



DB7AAE



9C9E49



00ABD3

Complementary

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



DB7AAE



7ADBA7

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.



00AEAF



DB7AAE



6FA85F

Square

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



DB7AAE



C2914A



2BAD85



02A3E7

Rectangle

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



DB7AAE



E27E6C



2BAD85



00ADC8

Sweetspot

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



DB7AAE



FFDEF0



A67ADB



806B76



000000



808080

Same Dimension

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



DB7AAE



FF78C0



DB7A7F



6E6369



AD005D



2E0019

Inverse Universe

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



DB7AAE



FF78C0



7ADBD6



6E6369



AD005D



2E0019

Previews

White Background



This preview shows how the Hex color DB7AAE looks on a white background.

Color Contrast Check

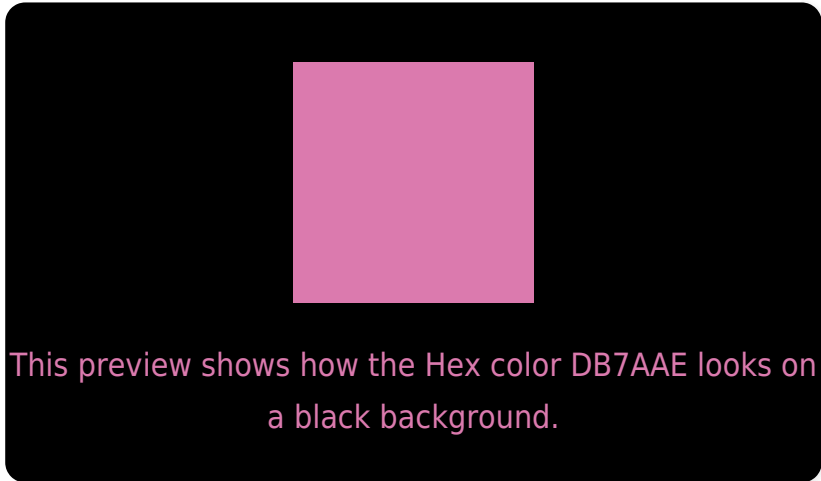
Large Text (above 18pt) WCAG AA × Fail

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 DB7AAE Background



This preview shows how black text looks on a background with the Hex color DB7AAE.

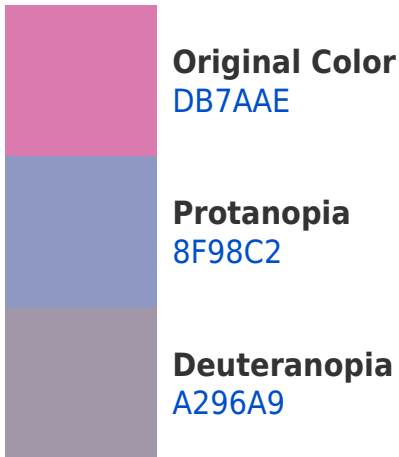



This preview shows how white text looks on a background with the Hex color DB7AAE.

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](#).

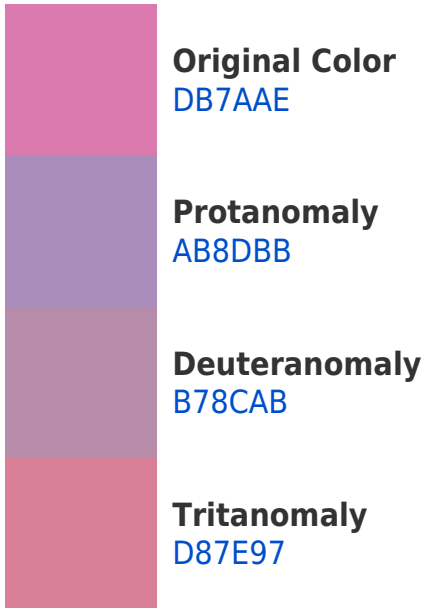
Dichromacy



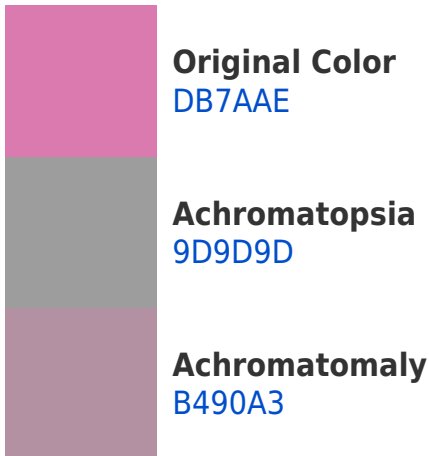


Tritanopia
D7818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7AAE 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 #DB7AAE looks like.

```
.text, #text, p{  
    color:#DB7AAE  
}
```

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 #DB7AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7AAE
}
```

Border

The CSS property to change the border of an element to Hex DB7AAE 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
#DB7AAE }
```

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

```
.border{ border-color:#DB7AAE }
```

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

Here you see how a box with a 4 pixel #DB7AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7AAE; -webkit-box-shadow:4px 4px  
4px 4px #DB7AAE; box-shadow:4px 4px 4px  
4px #DB7AAE }
```

Background

The CSS property to change the background color of an element to Hex DB7AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7AAE }
```

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

```
.background{ background-color:#DB7AAE }
```

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