

Converting Colors

Hex(DB7BB0)

Have a look what the booklet for
Hex(DB7BB0) contains.

Hex(DB7BB0)	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(DB7BB0)

Conversions

Conversions Part 1

Format	Color
Hex	DB7BB0
RGB	219, 123, 176
RGB Percent	86%, 48%, 69%
CMY	0.1412, 0.5176, 0.3098
CMYK	0.00, 0.44, 0.20, 0.14
HSL	327°, 57%, 67%
HSV	327°, 44%, 86%
XYZ	44.1328, 32.3606, 44.9945
YIQ	157.7460, 40.2030, 36.8350

Conversions

Conversions Part 2

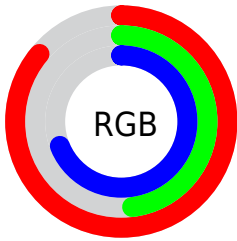
Format	Color
R_{YB}	219, 123, 176
Decimal	14384048
CIE _{Lab}	63.64, 43.90, -11.66
CIE _{LCh}	64, 45.425, 345.128
Yxy	32.3606, 0.3633, 0.2664
Android (android.graphics.Color)	4292574128 (0xFFDB7BB0)
YUV	157.7460, 8.9992, 53.7198
Hunter-Lab	56.8864, 38.9305, -7.0752

Details

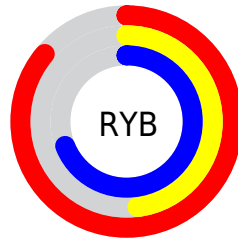
The Hex color **DB7BB0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BDBA6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB1E8**, and **A2477B** is the 20% darker color. If you saturate the color by 10%, you get **DB65A6**, and if you desaturate by 10%, it is **DB91BA**.

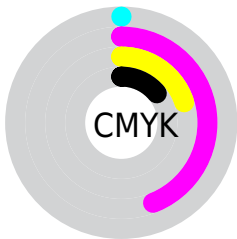
Distribution



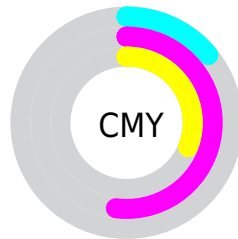
- Red (86%)
- Green (48%)
- Blue (69%)



- Red (86%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7BB0 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 DB7BB0 by changing the saturation by 10% instead.

 DB7BB0

 DB7BB0

FFFFFF

 BE6195

 FFB1E8

 A2477B

 FFCEFF

 862D63

 FFEAFF

 6B0F4B

 510034

 38001F

 1E0002

 000000

 DB7BB0

 DB7BB0

 DB65A6

 DB91BA

 DB4F9C

 DBA7C4

 DB3993

 DBBDCD

 DB2389

 DBD3D7

 DB0D7F

 DBE9E1

 DB0079

 DBFEEB

 DBFFF5

 DBFFFE

 DBFFFF

Harmonies

Analogous

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



B888D4



DB7BB0



E77987

Triad

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



DB7BB0



9E9E49



00ACD2

Complementary

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



DB7BB0



7BDBA6

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.



00AFAE



DB7BB0



71A85F

Square

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



DB7BB0



C4914B



30AD84



00A4E8

Rectangle

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



DB7BB0



E37E6E



30AD84



00ADC7

Sweetspot

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



DB7BB0



FFDEF0



A57BDB



806B76



000000



808080

Same Dimension

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



DB7BB0



FF78C2



DB7B81



6E6369



AD0060



2E0019

Inverse Universe

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



DB7BB0



FF78C2



7BDBD5



6E6369



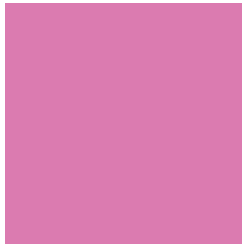
AD0060



2E0019

Previews

White Background



This preview shows how the Hex color DB7BB0 looks on a white background.

Color Contrast Check

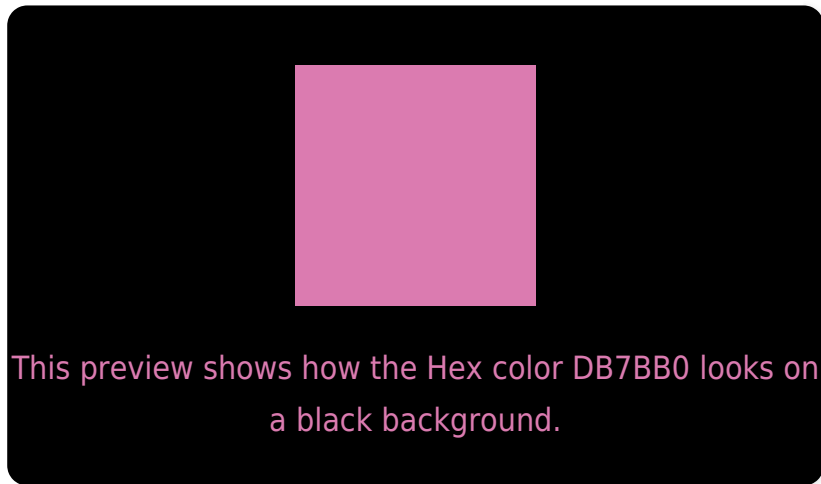
Large Text (above 18pt) WCAG AA × Fail

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 DB7BB0 Background



This preview shows how black text looks on a background with the Hex color DB7BB0.

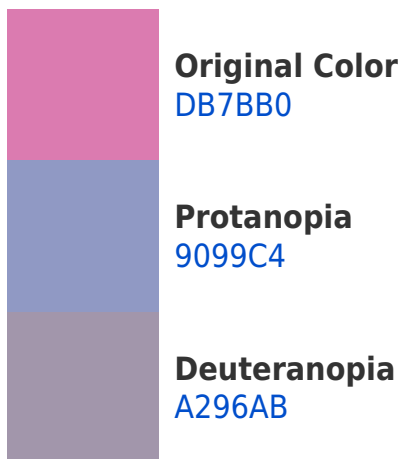



This preview shows how white text looks on a background with the Hex color DB7BB0.

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
D7828C

Trichromacy



Original Color
DB7BB0



Protanomaly
AB8EBD



Deuteranomaly
B78CAD

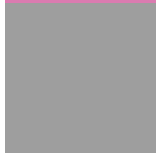


Tritanomaly
D87F99

Monochromacy



Original Color
DB7BB0



Achromatopsia
9E9E9E



Achromatomaly
B491A5

CSS Examples

Text

The CSS property to change the color of the text to Hex DB7BB0 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 #DB7BB0 looks like.

```
.text, #text, p{  
    color:#DB7BB0  
}
```

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 #DB7BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7BB0
}
```

Border

The CSS property to change the border of an element to Hex DB7BB0 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
#DB7BB0 }
```

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

```
.border{ border-color:#DB7BB0 }
```

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

Here you see how a box with a 4 pixel #DB7BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7BB0; -webkit-box-shadow:4px 4px  
4px 4px #DB7BB0; box-shadow:4px 4px 4px  
4px #DB7BB0 }
```

Background

The CSS property to change the background color of an element to Hex DB7BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7BB0 }
```

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

```
.background{ background-color:#DB7BB0 }
```

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