

Converting Colors

Hex(D4B5D8)

Have a look what the booklet for
Hex(D4B5D8) contains.

Hex(D4B5D8)	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(D4B5D8)

Conversions

Conversions Part 1

Format	Color
Hex	D4B5D8
RGB	212, 181, 216
RGB Percent	83%, 71%, 85%
CMY	0.1686, 0.2902, 0.1529
CMYK	0.02, 0.16, 0.00, 0.15
HSL	293°, 31%, 78%
HSV	293°, 16%, 85%
XYZ	56.0699, 52.0027, 72.0481
YIQ	194.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

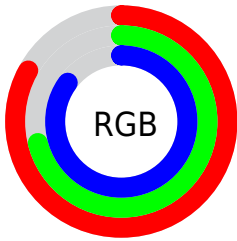
Format	Color
R _Y B	212, 181, 216
Decimal	13940184
CIE Lab	77.28, 17.26, -13.45
CIE LCh	77, 21.883, 322.076
Yxy	52.0027, 0.3113, 0.2887
Android (android.graphics.Color)	4292130264 (0xFFD4B5D8)
YUV	194.2590, 10.7183, 15.5589
Hunter-Lab	72.1129, 12.5916, -8.7577

Details

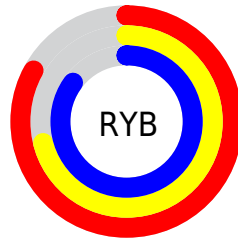
The Hex color **D4B5D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9D8B5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEDFF**, and **9D80A1** is the 20% darker color. If you saturate the color by 10%, you get **D29FD8**, and if you desaturate by 10%, it is **D6CBD8**.

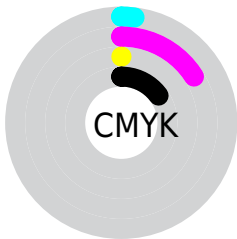
Distribution



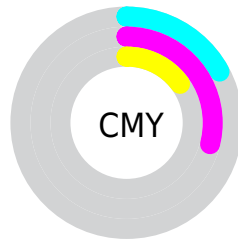
- Red (83%)
- Green (71%)
- Blue (85%)



- Red (83%)
- Yellow (71%)
- Blue (85%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B5D8 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 D4B5D8 by changing the saturation by 10% instead.

 D4B5D8

FFFFFF

 FFEDFF


 D4B5D8

 B89ABC

 9D80A1

 836787

 6A4F6E

 513855

 3A223E

 240D28

 040013

 000000

 D4B5D8

 D4B5D8

 D29FD8

 D6CBD8

 CF8AD8

 D9E0D8

 CD74D8

 DBF6D8

 CA5FD8

 DEFFD8

 C849D8

 E0FFD8

 C533D8

 E3FFD8

 C31ED8

 E5FFD8

 C008D8

 E8FFD8

 BF00D8

 EAFFD8

Harmonies

Analogous

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



BBBCE4



D4B5D8



E4B1C5

Triad

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



D4B5D8



D4BC97



87CACD

Complementary

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



D4B5D8



B9D8B5

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.



93CAB9



D4B5D8



BEC299

Square

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



D4B5D8



E3B5A0



A7C7A5



8CC8DE

Rectangle

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



D4B5D8



E9B1B7



A7C7A5



8ACBC7

Sweetspot

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



D4B5D8



FEF2FF



B5B9D8



7F7880



000000



808080

Same Dimension

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



D4B5D8



F9CFFF



D8B5CB



6A606B



9700AB



26002B

Inverse Universe

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



D8B5B9



FFCFD4



B5D8C2



6B6062



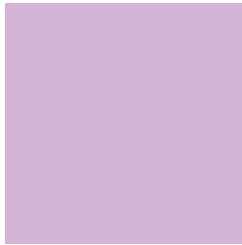
AB0014



2B0005

Previews

White Background



This preview shows how the Hex color D4B5D8 looks on a white background.

Color Contrast Check

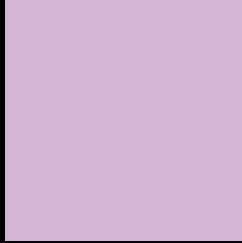
Large Text (above 18pt) WCAG AA × Fail

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 D4B5D8 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 D4B5D8 Background



This preview shows how black text looks on a background with the Hex color D4B5D8.

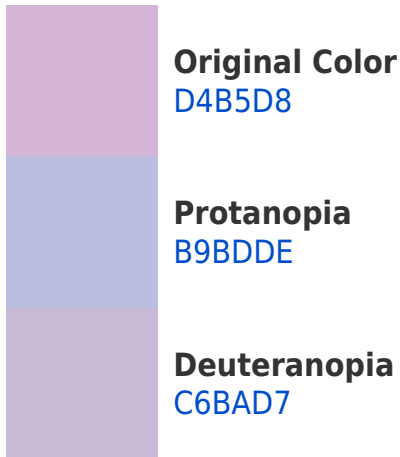


This preview shows how white text looks on a background with the Hex color D4B5D8.

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
D1B8C6

Trichromacy



Original Color
D4B5D8

Protanomaly
C3BADC

Deuteranomaly
CBB8D7

Tritanomaly
D2B7CD

Monochromacy



Original Color
D4B5D8

Achromatopsia
C2C2C2

Achromatomaly
C9BDCA

CSS Examples

Text

The CSS property to change the color of the text to Hex D4B5D8 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 #D4B5D8 looks like.

```
.text, #text, p{  
    color:#D4B5D8  
}
```

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 #D4B5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B5D8  
}
```

Border

The CSS property to change the border of an element to Hex D4B5D8 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  
#D4B5D8 }
```

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

```
.border{ border-color:#D4B5D8 }
```

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

Here you see how a box with a 4 pixel #D4B5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B5D8; -webkit-box-shadow:4px 4px  
4px 4px #D4B5D8; box-shadow:4px 4px 4px  
4px #D4B5D8 }
```

Background

The CSS property to change the background color of an element to Hex D4B5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B5D8 }
```

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

```
.background{ background-color:#D4B5D8 }
```

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