

Converting Colors

Hex(D78BC8)

Have a look what the booklet for
Hex(D78BC8) contains.

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Color

Hex(D78BC8)

Conversions

Conversions Part 1

Format	Color
Hex	D78BC8
RGB	215, 139, 200
RGB Percent	84%, 55%, 78%
CMY	0.1569, 0.4549, 0.2157
CMYK	0.00, 0.35, 0.07, 0.16
HSL	312°, 49%, 69%
HSV	312°, 35%, 84%
XYZ	47.6823, 37.0824, 59.2881
YIQ	168.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

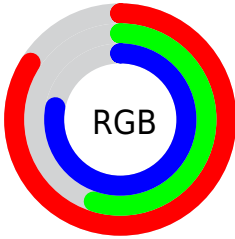
Format	Color
RYB	215, 139, 200
Decimal	14126024
CIELab	67.34, 38.07, -19.63
CIElCh	67, 42.835, 332.725
Yxy	37.0824, 0.3310, 0.2574
Android (android.graphics.Color)	4292316104 (0xFFD78BC8)
YUV	168.6780, 15.4417, 40.6244
Hunter-Lab	60.8954, 33.2022, -15.0983

Details

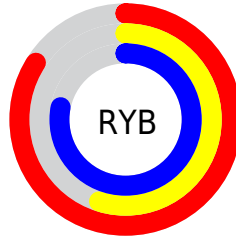
The Hex color **D78BC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BD79A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC2FF**, and **9F5792** is the 20% darker color. If you saturate the color by 10%, you get **D775C4**, and if you desaturate by 10%, it is **D7A1CC**.

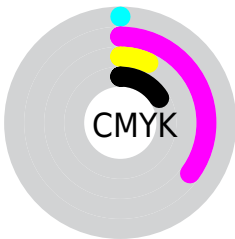
Distribution



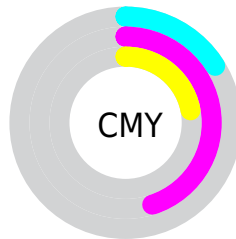
- Red (84%)
- Green (55%)
- Blue (78%)



- Red (84%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78BC8 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 D78BC8 by changing the saturation by 10% instead.

 D78BC8

 D78BC8

FFFFFF

 BB71AD

 FFC2FF

 9F5792

 FFDEFF

 843E78

 FFFBFF

 6A255F

 500947

 370031

 22001C

 000000

 D78BC8

 D78BC8

 D775C4

 D7A1CC

 D760C0

 D7B6D0

 D74ABB

 D7CCD5

 D735B7

 D7E1D9

 D71FB3

 D7F7DD

 D70AAF

 D7FFE1

 D700AD

 D7FFE6

 D7FFEA

 D7FFEE

Harmonies

Analogous

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



AC99E5



D78BC8



EC85A2

Triad

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



D78BC8



B9A355



00B7CC

Complementary

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



D78BC8



8BD79A

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.



02B8A6



D78BC8



90AE61

Square

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



D78BC8



D89560



60B57F



00B1E8

Rectangle

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



D78BC8



EE8688



60B57F



00B8C0

Sweetspot

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



D78BC8



FFE3F9



998BD7



806F7C



000000



808080

Same Dimension

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



D78BC8



FF94EA



D78BA3



6B6069



AB0089



2B0023

Inverse Universe

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



D78BC8



FF94EA



8BD7BF



6B6069



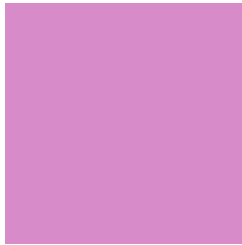
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color D78BC8 looks on a white background.

Color Contrast Check

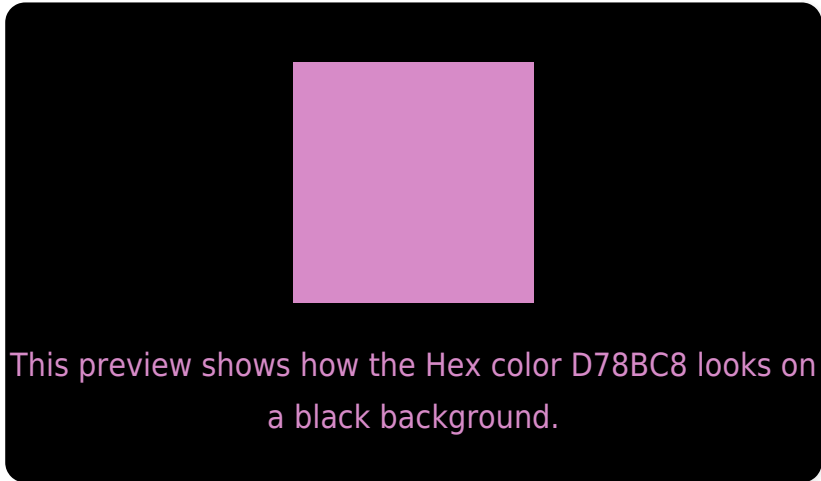
Large Text (above 18pt) WCAG AA × Fail

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

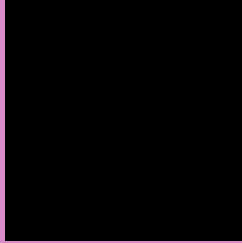
Any Text WCAG AA ✓ Pass

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 D78BC8 Background



This preview shows how black text looks on a background with the Hex color D78BC8.

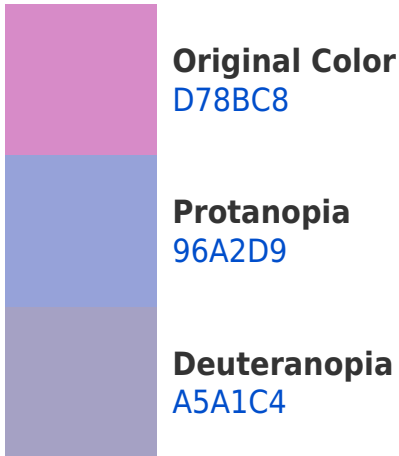



This preview shows how white text looks on a background with the Hex color D78BC8.

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
D2939E

Trichromacy



Original Color
D78BC8



Protanomaly
AE9AD3



Deuteranomaly
B799C5

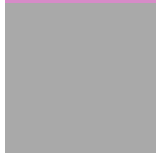


Tritanomaly
D490AD

Monochromacy



Original Color
D78BC8



Achromatopsia
A9A9A9



Achromatomaly
BA9EB4

CSS Examples

Text

The CSS property to change the color of the text to Hex D78BC8 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 #D78BC8 looks like.

```
.text, #text, p{  
    color:#D78BC8  
}
```

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 #D78BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78BC8
}
```

Border

The CSS property to change the border of an element to Hex D78BC8 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
#D78BC8 }
```

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

```
.border{ border-color:#D78BC8 }
```

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

Here you see how a box with a 4 pixel #D78BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78BC8; -webkit-box-shadow:4px 4px  
4px 4px #D78BC8; box-shadow:4px 4px 4px  
4px #D78BC8 }
```

Background

The CSS property to change the background color of an element to Hex D78BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78BC8 }
```

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

```
.background{ background-color:#D78BC8 }
```

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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