

Converting Colors

Hex(D47DB2)

Have a look what the booklet for
Hex(D47DB2) contains.

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Color

Hex(D47DB2)

Conversions

Conversions Part 1

Format	Color
Hex	D47DB2
RGB	212, 125, 178
RGB Percent	83%, 49%, 70%
CMY	0.1686, 0.5098, 0.3020
CMYK	0.00, 0.41, 0.16, 0.17
HSL	323°, 50%, 66%
HSV	323°, 41%, 83%
XYZ	42.5209, 31.8786, 46.0316
YIQ	157.0550, 34.8390, 34.9270

Conversions

Conversions Part 2

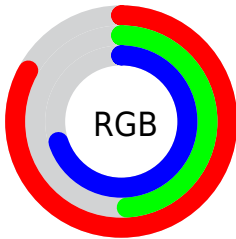
Format	Color
R_{YB}	212, 125, 178
Decimal	13925810
CIE _{Lab}	63.24, 40.84, -13.48
CIE _{LCh}	63, 43.011, 341.735
Yxy	31.8786, 0.3531, 0.2647
Android (android.graphics.Color)	4292115890 (0xFFD47DB2)
YUV	157.0550, 10.3259, 48.1868
Hunter-Lab	56.4612, 35.6212, -8.8150

Details

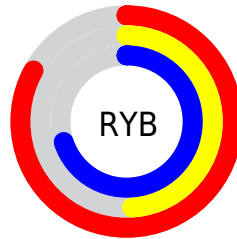
The Hex color **D47DB2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DD49F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB3EA**, and **9C497D** is the 20% darker color. If you saturate the color by 10%, you get **D468AA**, and if you desaturate by 10%, it is **D492BA**.

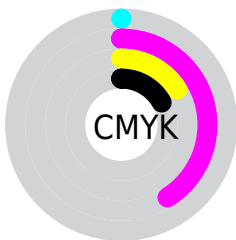
Distribution



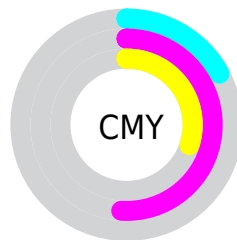
- Red (83%)
- Green (49%)
- Blue (70%)



- Red (83%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47DB2 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 D47DB2 by changing the saturation by 10% instead.

 D47DB2

 D47DB2

FFFFFF

 B86397

 FFB3EA

 9C497D

 FFCFFF

 803064

 FFECCF

 66154C

 4C0035

 340020

 170005

 000000

 D47DB2

 D47DB2

 D468AA

 D492BA

 D453A1

 D4A7C3

 D43D99

 D4BDCB

 D42891

 D4D2D3

 D41389

 D4E7DB

 D40081

 D4FCE4

 D4FFEC

 D4FFF4

 D4FFFD

Harmonies

Analogous

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



B089D2



D47DB2



E27A8B

Triad

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



D47DB2



A29C4C



00ABCB

Complementary

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



D47DB2



7DD49F

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.



00ADA7



D47DB2



78A55E

Square

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



D47DB2



C48F50



41AB80



03A4E1

Rectangle

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



D47DB2



E07E73



41AB80



00ACC0

Sweetspot

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



D47DB2



FFE0F3



9E7DD4



806E79



000000



808080

Same Dimension

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



D47DB2



FF82CE



D47D87



6B6067



AB0068



2B001A

Inverse Universe

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



D47DB2



FF82CE



7DD4CA



6B6067



AB0068



2B001A

Previews

White Background



This preview shows how the Hex color D47DB2 looks on a white background.

Color Contrast Check

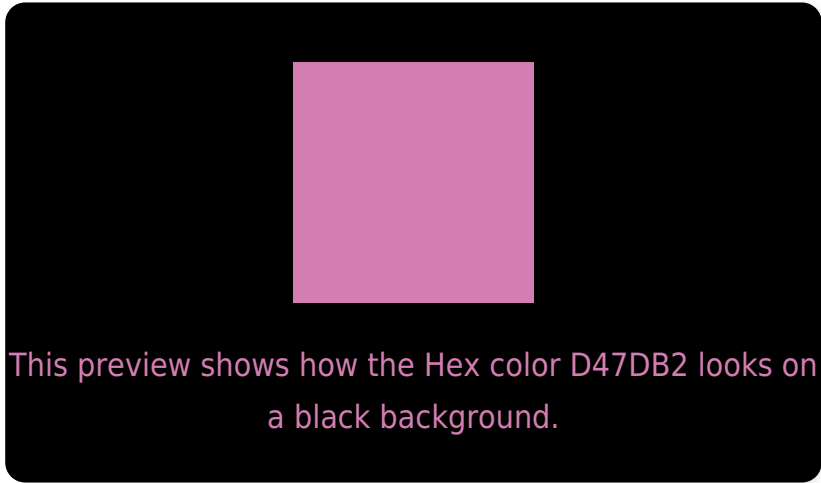
Large Text (above 18pt) WCAG AA × Fail

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 D47DB2 Background



This preview shows how black text looks on a background with the Hex color D47DB2.

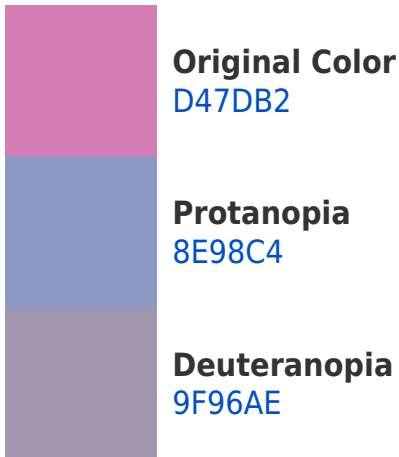



This preview shows how white text looks on a background with the Hex color D47DB2.

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
D0848E

Trichromacy



Original Color
D47DB2



Protanomaly
A78EBD



Deuteranomaly
B28DAF

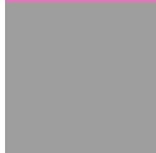


Tritanomaly
D1819B

Monochromacy



Original Color
D47DB2



Achromatopsia
9D9D9D



Achromatomaly
B191A5

CSS Examples

Text

The CSS property to change the color of the text to Hex D47DB2 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 #D47DB2 looks like.

```
.text, #text, p{  
    color:#D47DB2  
}
```

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 #D47DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47DB2
}
```

Border

The CSS property to change the border of an element to Hex D47DB2 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
#D47DB2 }
```

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

```
.border{ border-color:#D47DB2 }
```

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

Here you see how a box with a 4 pixel #D47DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47DB2; -webkit-box-shadow:4px 4px  
4px 4px #D47DB2; box-shadow:4px 4px 4px  
4px #D47DB2 }
```

Background

The CSS property to change the background color of an element to Hex D47DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47DB2 }
```

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

```
.background{ background-color:#D47DB2 }
```

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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