

Converting Colors

Hex(D47BC6)

Have a look what the booklet for
Hex(D47BC6) contains.

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Color

Hex(D47BC6)

Conversions

Conversions Part 1

Format	Color
Hex	D47BC6
RGB	212, 123, 198
RGB Percent	83%, 48%, 78%
CMY	0.1686, 0.5176, 0.2235
CMYK	0.00, 0.42, 0.07, 0.17
HSL	309°, 51%, 66%
HSV	309°, 42%, 83%
XYZ	44.4274, 32.2402, 57.3075
YIQ	158.1610, 28.9690, 42.1930

Conversions

Conversions Part 2

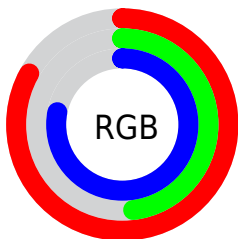
Format	Color
R _Y B	212, 123, 198
Decimal	13925318
CIE Lab	63.54, 45.19, -24.34
CIE LCh	64, 51.327, 331.693
Yxy	32.2402, 0.3316, 0.2406
Android (android.graphics.Color)	4292115398 (0xFFD47BC6)
YUV	158.1610, 19.6406, 47.2168
Hunter-Lab	56.7804, 40.3001, -20.0940

Details

The Hex color **D47BC6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BD489**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB1FF**, and **9C4790** is the 20% darker color. If you saturate the color by 10%, you get **D466C3**, and if you desaturate by 10%, it is **D490C9**.

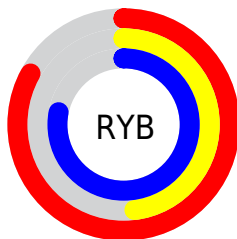
Distribution



Red (83%)

Green (48%)

Blue (78%)



Red (83%)

Yellow (48%)

Blue (78%)

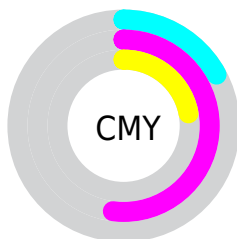


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47BC6 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 D47BC6 by changing the saturation by 10% instead.

 D47BC6

 D47BC6

FFFFFF

 B861AB

 FFB1FF

 9C4790

 FFCEFF

 802D76

 FFEAFF

 660F5D

 4C0045

 34002F

 180019

 000000

 D47BC6

 D47BC6

 D466C3

 D490C9

 D451BF

 D4A5CD

 D43BBC

 D4BBD0

 D426B9

 D4D0D3

 D411B5

 D4E5D7

 D400B3

 D4FADA

 D4FFDD

 D4FFE1

 D4FFE4

Harmonies

Analogous

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



A08DE8



D47BC6



ED7299

Triad

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



D47BC6



B1983A



00B0C9

Complementary

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



D47BC6



7BD489

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.



00B19B



D47BC6



83A548

Square

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



D47BC6



D68849



43AD6D



00AAEA

Rectangle

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



D47BC6



EF747B



43AD6D



00B0BA

Sweetspot

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



D47BC6



FFDEFA



887BD4



806B7C



000000



808080

Same Dimension

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



D47BC6



FF80EB



D47B9A



6B6069



AB0090



2B0025

Inverse Universe

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



D47BC6



FF80EB



7BD4B5



6B6069



AB0090



2B0025

Previews

White Background



This preview shows how the Hex color D47BC6 looks on a white background.

Color Contrast Check

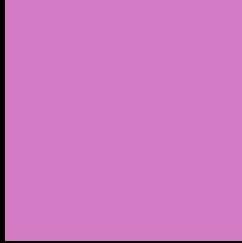
Large Text (above 18pt) WCAG AA × Fail

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 D47BC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

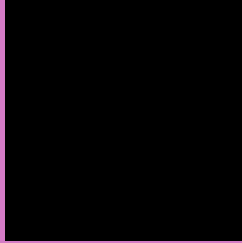
Any Text WCAG AA ✓ Pass

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 D47BC6 Background



This preview shows how black text looks on a background with the Hex color D47BC6.

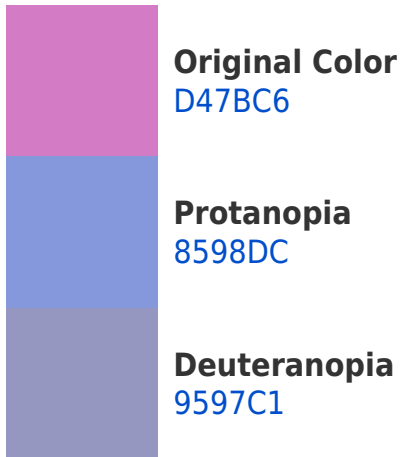


This preview shows how white text looks on a background with the Hex color D47BC6.

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



Trichromacy



Original Color
D47BC6



Protanomaly
A28DD4



Deuteranomaly
AC8DC3

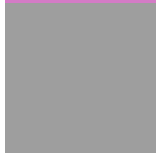


Tritanomaly
D082A4

Monochromacy



Original Color
D47BC6



Achromatopsia
9E9E9E



Achromatomaly
B291AD

CSS Examples

Text

The CSS property to change the color of the text to Hex D47BC6 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 #D47BC6 looks like.

```
.text, #text, p{  
    color:#D47BC6  
}
```

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 #D47BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47BC6
}
```

Border

The CSS property to change the border of an element to Hex D47BC6 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
#D47BC6 }
```

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

```
.border{ border-color:#D47BC6 }
```

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

Here you see how a box with a 4 pixel #D47BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47BC6; -webkit-box-shadow:4px 4px  
4px 4px #D47BC6; box-shadow:4px 4px 4px  
4px #D47BC6 }
```

Background

The CSS property to change the background color of an element to Hex D47BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47BC6 }
```

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

```
.background{ background-color:#D47BC6 }
```

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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