

Converting Colors

Hex(D47CB4)

Have a look what the booklet for
Hex(D47CB4) contains.

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Color

Hex(D47CB4)

Conversions

Conversions Part 1

Format	Color
Hex	D47CB4
RGB	212, 124, 180
RGB Percent	83%, 49%, 71%
CMY	0.1686, 0.5137, 0.2941
CMYK	0.00, 0.42, 0.15, 0.17
HSL	322°, 51%, 66%
HSV	322°, 42%, 83%
XYZ	42.5972, 31.7076, 47.0551
YIQ	156.6960, 34.4720, 36.0720

Conversions

Conversions Part 2

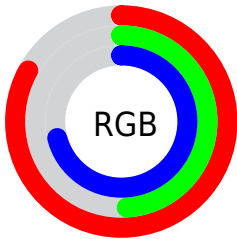
Format	Color
R_{YB}	212, 124, 180
Decimal	13925556
CIE _{Lab}	63.10, 41.68, -14.83
CIE _{LCh}	63, 44.243, 340.417
Yxy	31.7076, 0.3510, 0.2613
Android (android.graphics.Color)	4292115636 (0xFFD47CB4)
YUV	156.6960, 11.4889, 48.5016
Hunter-Lab	56.3095, 36.4907, -10.1290

Details

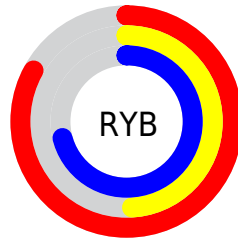
The Hex color **D47CB4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CD49C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB2EC**, and **9C487F** is the 20% darker color. If you saturate the color by 10%, you get **D467AC**, and if you desaturate by 10%, it is **D491BC**.

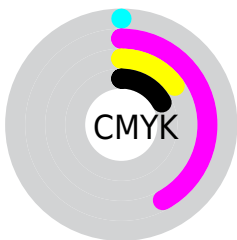
Distribution



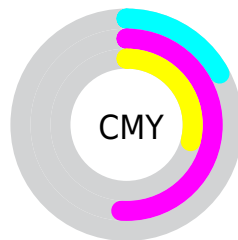
- Red (83%)
- Green (49%)
- Blue (71%)



- Red (83%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47CB4 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 D47CB4 by changing the saturation by 10% instead.

 D47CB4

 D47CB4

FFFFFF

 B76299

 FFB2EC

 9C487F

 FFCEFF

 802F66

 FFE8FF

 66134E

 4C0037

 340022

 170008

 000000

 D47CB4

 D47CB4

 D467AC

 D491BC

 D452A5

 D4A6C3

 D43C9D

 D4BCCB

 D42795

 D4D1D3

 D4128D

 D4E6DB

 D40087

 D4FBE2

 D4FFEA

 D4FFF2

 D4FFF9

Harmonies

Analogous

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



AE89D5



D47CB4



E3788C

Triad

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



D47CB4



A39B49



00ABCB

Complementary

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



D47CB4



7CD49C

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.



00ADA6



D47CB4



78A55B

Square

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



D47CB4



C68D4E



40AB7D



00A4E2

Rectangle

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



D47CB4



E17C73



40AB7D



00ACBF

Sweetspot

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



D47CB4



FFE0F4



9B7CD4



806E79



000000



808080

Same Dimension

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



D47CB4



FF80D1



D47C89



6B6067



AB006D



2B001C

Inverse Universe

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



D47CB4



FF80D1



7CD4C7



6B6067



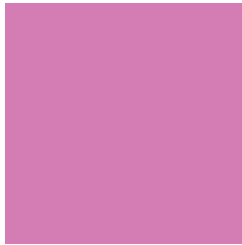
AB006D



2B001C

Previews

White Background



This preview shows how the Hex color D47CB4 looks on a white background.

Color Contrast Check

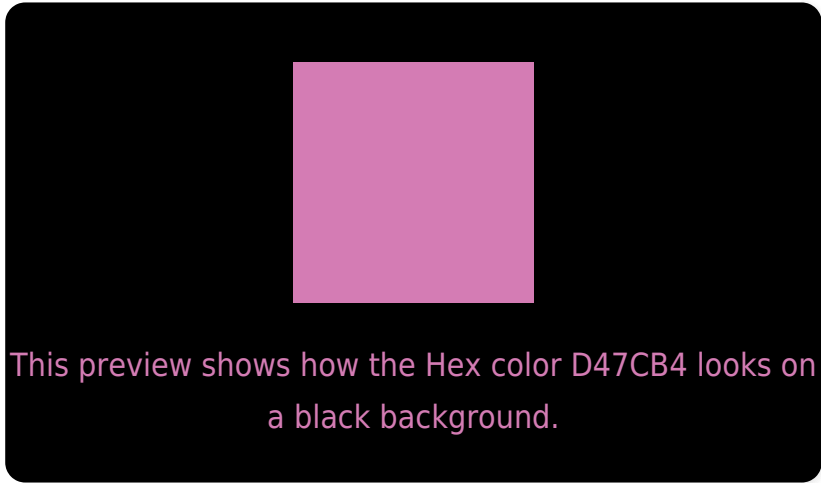
Large Text (above 18pt) WCAG AA × Fail

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 D47CB4 Background



This preview shows how black text looks on a background with the Hex color D47CB4.

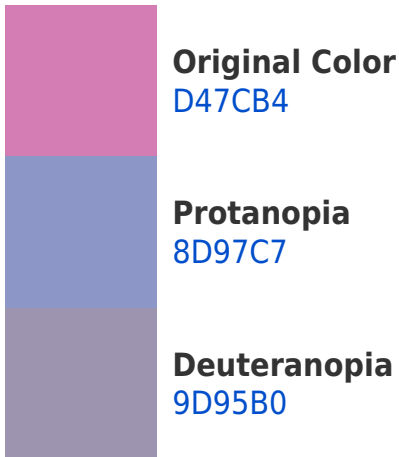



This preview shows how white text looks on a background with the Hex color D47CB4.

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](#).

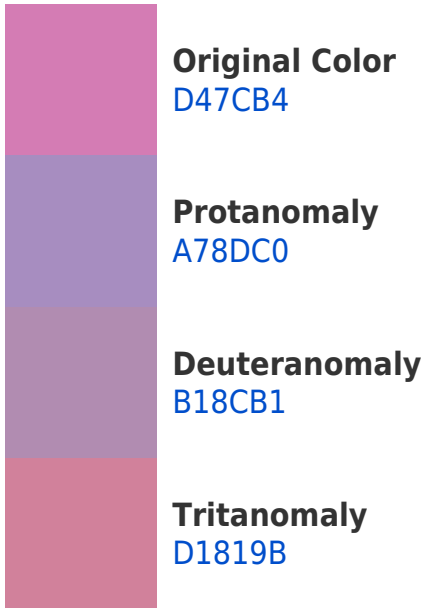
Dichromacy



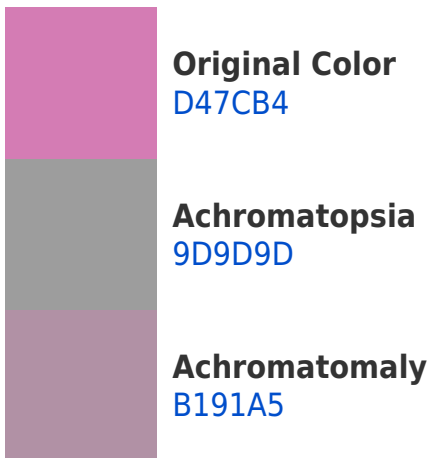


Tritanopia
D0848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47CB4 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 #D47CB4 looks like.

```
.text, #text, p{  
    color:#D47CB4  
}
```

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 #D47CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47CB4
}
```

Border

The CSS property to change the border of an element to Hex D47CB4 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
#D47CB4 }
```

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

```
.border{ border-color:#D47CB4 }
```

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

Here you see how a box with a 4 pixel #D47CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47CB4; -webkit-box-shadow:4px 4px  
4px 4px #D47CB4; box-shadow:4px 4px 4px  
4px #D47CB4 }
```

Background

The CSS property to change the background color of an element to Hex D47CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47CB4 }
```

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

```
.background{ background-color:#D47CB4 }
```

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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