

# Converting Colors

Hex(D47B97)

Have a look what the booklet for  
Hex(D47B97) contains.

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**Color**

**Hex(D47B97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D47B97
RGB	212, 123, 151
RGB Percent	83%, 48%, 59%
CMY	0.1686, 0.5176, 0.4078
CMYK	0.00, 0.42, 0.29, 0.17
HSL	341°, 51%, 66%
HSV	341°, 42%, 83%
XYZ	39.8203, 30.3973, 33.0467
YIQ	152.8030, 44.0560, 27.5760

# Conversions

## Conversions Part 2

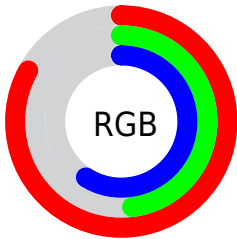
Format	Color
R <sub>Y</sub> B	212, 123, 151
Decimal	13925271
CIE Lab	62.00, 37.94, 0.07
CIE LCh	62, 37.945, 0.104
Yxy	30.3973, 0.3856, 0.2944
Android (android.graphics.Color)	4292115351 (0xFFD47B97)
YUV	152.8030, -0.8889, 51.9158
Hunter-Lab	55.1338, 32.4371, 3.0558

# Details

The Hex color **D47B97** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BD4B8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB1CD**, and **9B4864** is the 20% darker color. If you saturate the color by 10%, you get **D46688**, and if you desaturate by 10%, it is **D490A6**.

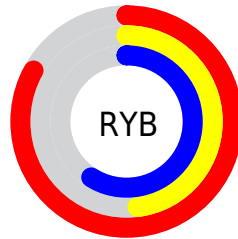
# Distribution



Red (83%)

Green (48%)

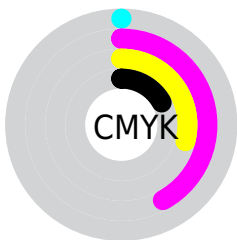
Blue (59%)



Red (83%)

Yellow (48%)

Blue (59%)

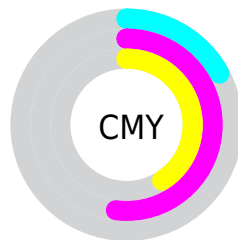


Cyan (0%)

Magenta (42%)

Yellow (29%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47B97 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 D47B97 by changing the saturation by 10% instead.



 D47B97

 D47B97

FFFFFF

 B7617D

 FFB1CD

 9B4864

 FFCDE9

 802F4C

 FFEAFF

 651436

 4A0021

 330009

 090000

 000000

 D47B97

 D47B97

 D46688

 D490A6

 D4517A

 D4A5B4

 D43B6B

 D4BBC3

 D4265D

 D4D0D1

 D4114E

 D4E5E0

 D40043

 D4FAEE

 D4FFFD

 D4FFFF

# Harmonies

## Analogous

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



C081B8



D47B97



D57E76

# Triad

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



D47B97



889E5A



05A2CF

# Complementary

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



D47B97



7BD4B8

# 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.



00A7B6



D47B97



5FA473

# Square

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



D47B97



AB9452



28A795



6299D9

# Rectangle

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



D47B97



CD8464



28A795



00A4C8



# Sweetspot

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



D47B97



FFDEE8



B87BD4



806B72



000000



808080



# Same Dimension

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



D47B97



FF80A8



D48B7B



6B6064



AB0036



2B000E



# Inverse Universe

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



D47B97



FF80A8



7BC4D4



6B6064



AB0036

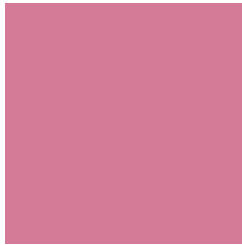


2B000E



# Previews

## White Background



This preview shows how the Hex color D47B97 looks on a white background.

## Color Contrast Check

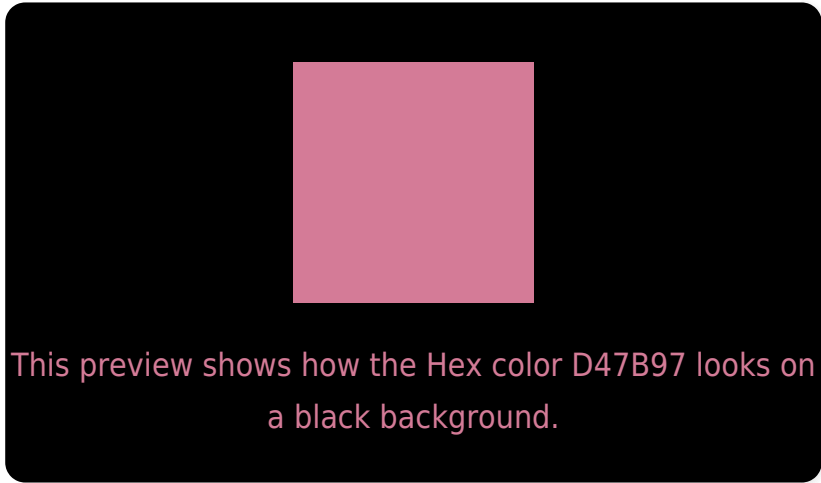
Large Text (above 18pt) WCAG AA × Fail

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 D47B97 Background



This preview shows how black text looks on a background with the Hex color D47B97.



This preview shows how white text looks on a background with the Hex color D47B97.

# 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



**Original Color**  
D47B97

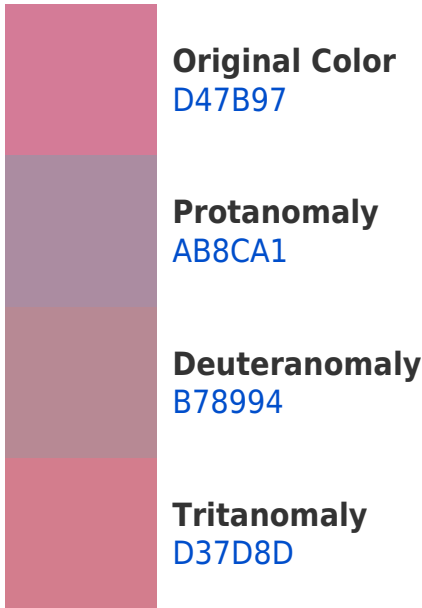
**Protanopia**  
9495A7

**Deuteranopia**  
A69193

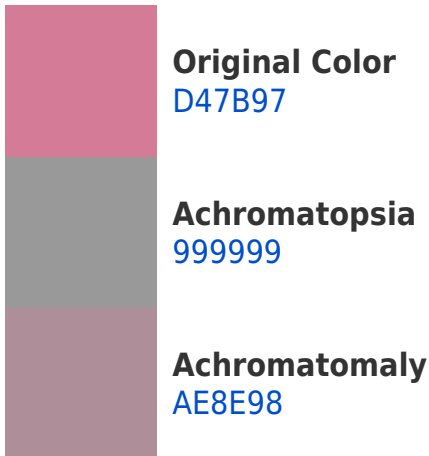


**Tritanopia**  
D27E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47B97 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 #D47B97 looks like.

```
.text, #text, p{  
    color:#D47B97  
}
```

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 #D47B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47B97
}
```

## Border

The CSS property to change the border of an element to Hex D47B97 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
#D47B97 }
```

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

```
.border{ border-color:#D47B97 }
```

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

Here you see how a box with a 4 pixel #D47B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47B97; -webkit-box-shadow:4px 4px  
4px 4px #D47B97; box-shadow:4px 4px 4px  
4px #D47B97 }
```

# Background

The CSS property to change the background color of an element to Hex D47B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47B97 }
```

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

```
.background{ background-color:#D47B97 }
```

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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