

# Converting Colors

Hex(D47C84)

Have a look what the booklet for  
Hex(D47C84) contains.

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# **Color**

**Hex(D47C84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D47C84
RGB	212, 124, 132
RGB Percent	83%, 49%, 52%
CMY	0.1686, 0.5137, 0.4824
CMYK	0.00, 0.42, 0.38, 0.17
HSL	355°, 51%, 66%
HSV	355°, 42%, 83%
XYZ	38.5239, 30.0783, 25.6051
YIQ	151.2240, 49.8800, 21.1440

# Conversions

## Conversions Part 2

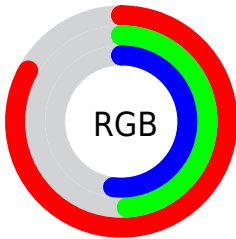
Format	Color
RYB	212, 124, 132
Decimal	13925508
CIELab	61.72, 35.02, 10.55
CIElCh	62, 36.576, 16.772
Yxy	30.0783, 0.4089, 0.3193
Android (android.graphics.Color)	4292115588 (0xFFD47C84)
YUV	151.2240, -9.4774, 53.3006
Hunter-Lab	54.8437, 29.4074, 10.7097

# Details

The Hex color **D47C84** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7CD4CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB2B9**, and **9B4953** is the 20% darker color. If you saturate the color by 10%, you get **D46771**, and if you desaturate by 10%, it is **D49197**.

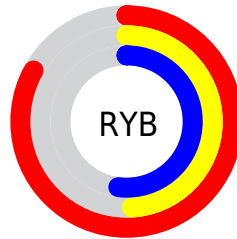
# Distribution



Red (83%)

Green (49%)

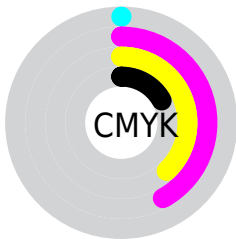
Blue (52%)



Red (83%)

Yellow (49%)

Blue (52%)

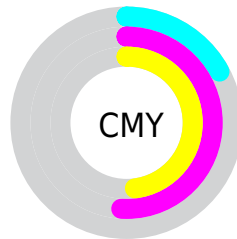


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47C84 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 D47C84 by changing the saturation by 10% instead.



 D47C84

 D47C84

FFFFFF

 B7626B

 FFB2B9

 9B4953

 FFCED5

 7F303C

 FFEAF1

 641726

 490012

 310001

 000000

 D47C84

 D47C84

 D46771

 D49197

 D4525D

 D4A6AB

 D43C4A

 D4BCBE

 D42737

 D4D1D1

 D41224

 D4E6E4

 D40013

 D4FBF8

 D4FFFF

# Harmonies

## Analogous

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



CB7DA5



D47C84



CC8367

# Triad

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



D47C84



73A168



489DD4

# Complementary

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



D47C84



7CD4CC

# 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.



00A3C3



D47C84



48A585

# Square

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



D47C84



989956



00A6A7



8392D3

# Rectangle

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



D47C84



BF8A5A



00A6A7



309FD0



# Sweetspot

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



D47C84



FFE0E3



CB7CD4



806E6F



000000



808080



# Same Dimension

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



D47C84



FF808B



D49F7C



6B6061



AB0010



2B0004



# Inverse Universe

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



D47C84



FF808B



7CB1D4



6B6061



AB0010



2B0004



# Previews

## White Background



This preview shows how the Hex color D47C84 looks on a white background.

## Color Contrast Check

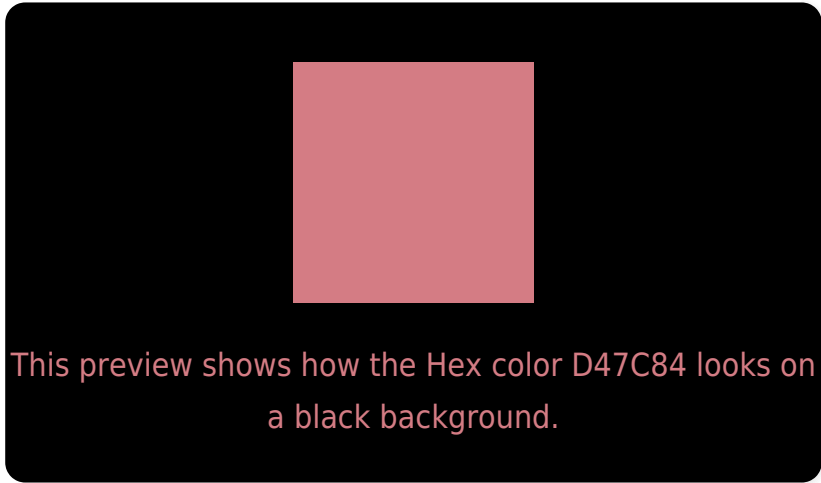
Large Text (above 18pt) WCAG AA × Fail

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 D47C84 Background



This preview shows how black text looks on a background with the Hex color D47C84.



This preview shows how white text looks on a background with the Hex color D47C84.

# 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**  
D47C84

**Protanopia**  
999591

**Deuteranopia**  
AB9081



**Tritanopia**  
D47C85

# Trichromacy



**Original Color**  
D47C84

**Protanomaly**  
AE8C8C

**Deuteranomaly**  
BA8982

**Tritanomaly**  
D47C85

# Monochromacy



**Original Color**  
D47C84

**Achromatopsia**  
979797

**Achromatomaly**  
AD8D90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47C84 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 #D47C84 looks like.

```
.text, #text, p{  
    color:#D47C84  
}
```

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 #D47C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47C84
}
```

## Border

The CSS property to change the border of an element to Hex D47C84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

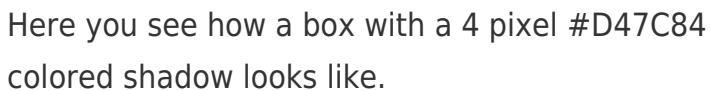
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D47C84 }
```

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

```
.border{ border-color:#D47C84 }
```

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



Here you see how a box with a 4 pixel #D47C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47C84; -webkit-box-shadow:4px 4px  
4px 4px #D47C84; box-shadow:4px 4px 4px  
4px #D47C84 }
```

# Background

The CSS property to change the background color of an element to Hex D47C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47C84 }
```

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

```
.background{ background-color:#D47C84 }
```

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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