

# Converting Colors

Hex(D47D72)

Have a look what the booklet for  
Hex(D47D72) contains.

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# **Color**

**Hex(D47D72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D47D72
RGB	212, 125, 114
RGB Percent	83%, 49%, 45%
CMY	0.1686, 0.5098, 0.5529
CMYK	0.00, 0.41, 0.46, 0.17
HSL	7°, 53%, 64%
HSV	7°, 46%, 83%
XYZ	37.5223, 29.8792, 19.7092
YIQ	149.7590, 55.3830, 15.0230

# Conversions

## Conversions Part 2

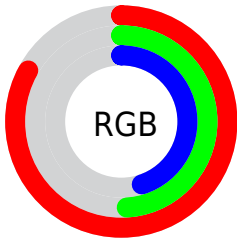
Format	Color
R <sub>Y</sub> B	212, 126, 114
Decimal	13925746
CIE Lab	61.55, 32.53, 20.57
CIE LCh	62, 38.485, 32.311
Yxy	29.8792, 0.4307, 0.3430
Android (android.graphics.Color)	4292115826 (0xFFD47D72)
YUV	149.7590, -17.6292, 54.5854
Hunter-Lab	54.6619, 26.8719, 16.8853

# Details

The Hex color **D47D72** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72C9D4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB3A6**, and **9A4A42** is the 20% darker color. If you saturate the color by 10%, you get **D46A5D**, and if you desaturate by 10%, it is **D49087**.

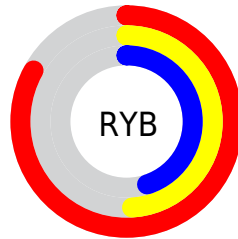
# Distribution



Red (83%)

Green (49%)

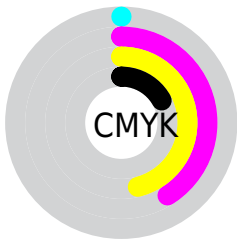
Blue (45%)



Red (83%)

Yellow (49%)

Blue (45%)

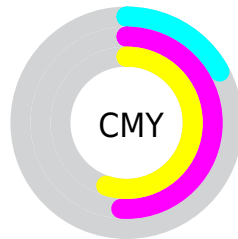


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47D72 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 D47D72 by changing the saturation by 10% instead.



 D47D72

 D47D72

FFFFFF

 B76359

 FF3A6

 9A4A42

 FFCFC1

 7E322C

 FFE8DD

 621917

 FFFFFA

 480000

 2F0001

 000000

 D47D72

 D47D72

 D46A5D

 D49087

 D45748

 D4A39C

 D44532

 D4B5B2

 D4321D

 D4C8C7

 D41F08

 D4DBDC

 D41800

 D4EEF1

 D4FFFF

# Harmonies

## Analogous

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



D47993



D47D72



C48859

# Triad

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



D47D72



5AA474



6497D8

# Complementary

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



D47D72



72C9D4

# 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.



02A0D0



D47D72



1AA696

# Square

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



D47D72



849D5A



00A6B8



9B8BCE

# Rectangle

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



D47D72



B29050



00A6B8



4D9BD8

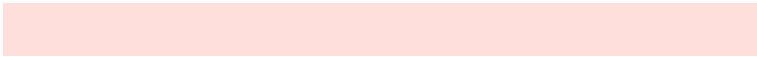


# Sweetspot

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



D47D72



FFDFDB



D472CA



806C6A



000000



808080



# Same Dimension

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



D47D72



FF8273



D4AD72



6B6260



AB1300



2B0500



# Inverse Universe

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



72C9D4



73EFFF



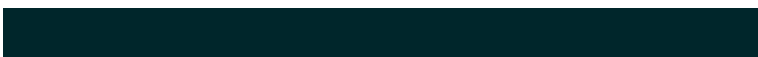
7299D4



606A6B



0098AB



00262B



# Previews

## White Background



This preview shows how the Hex color D47D72 looks on a white background.

## Color Contrast Check

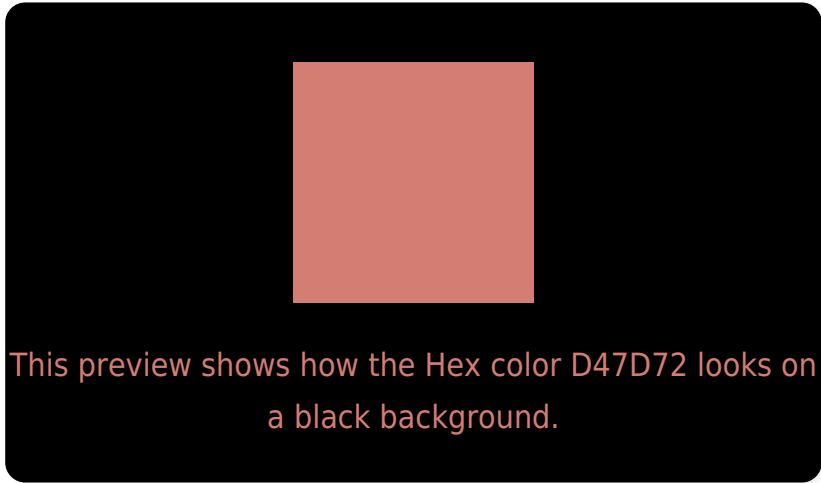
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D47D72 Background



This preview shows how black text looks on a background with the Hex color D47D72.

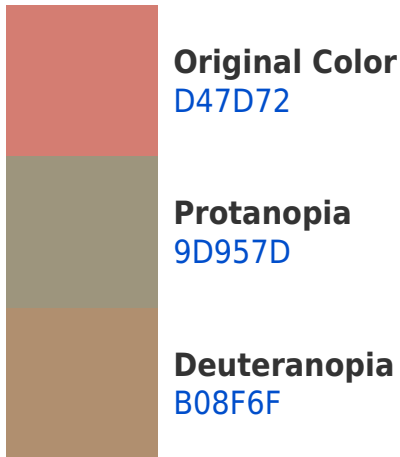



This preview shows how white text looks on a background with the Hex color D47D72.

# 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**  
D57A83

# Trichromacy



**Original Color**  
D47D72

**Protanomaly**  
B18C79

**Deuteranomaly**  
BD8870

**Tritanomaly**  
D57B7D

# Monochromacy



**Original Color**  
D47D72

**Achromatopsia**  
969696

**Achromatomaly**  
AD8D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47D72 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 #D47D72 looks like.

```
.text, #text, p{  
    color:#D47D72  
}
```

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 #D47D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47D72
}
```

## Border

The CSS property to change the border of an element to Hex D47D72 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
#D47D72 }
```

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

```
.border{ border-color:#D47D72 }
```

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

Here you see how a box with a 4 pixel #D47D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47D72; -webkit-box-shadow:4px 4px  
4px 4px #D47D72; box-shadow:4px 4px 4px  
4px #D47D72 }
```

# Background

The CSS property to change the background color of an element to Hex D47D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47D72 }
```

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

```
.background{ background-color:#D47D72 }
```

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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