

# Converting Colors

Hex(D47981)

Have a look what the booklet for  
Hex(D47981) contains.

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# **Color**

**Hex(D47981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D47981
RGB	212, 121, 129
RGB Percent	83%, 47%, 51%
CMY	0.1686, 0.5255, 0.4941
CMYK	0.00, 0.43, 0.39, 0.17
HSL	355°, 51%, 65%
HSV	355°, 43%, 83%
XYZ	37.9512, 29.2568, 24.4158
YIQ	149.1210, 51.6680, 21.7800

# Conversions

## Conversions Part 2

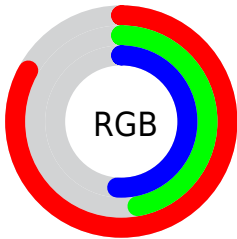
Format	Color
R <sub>Y</sub> B	212, 121, 129
Decimal	13924737
CIE Lab	61.01, 36.26, 11.27
CIE LCh	61, 37.965, 17.261
Yxy	29.2568, 0.4142, 0.3193
Android (android.graphics.Color)	4292114817 (0xFFD47981)
YUV	149.1210, -9.9197, 55.1449
Hunter-Lab	54.0895, 30.5855, 11.0995

# Details

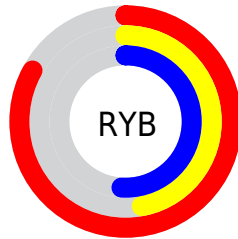
The Hex color **D47981** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79D4CC**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAFB6**, and **9A4650** is the 20% darker color. If you saturate the color by 10%, you get **D4646E**, and if you desaturate by 10%, it is **D48E94**.

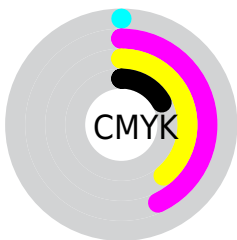
# Distribution



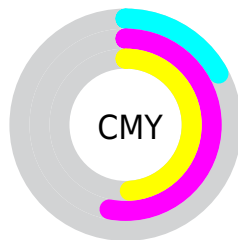
- Red (83%)
- Green (47%)
- Blue (51%)



- Red (83%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (17%)



- Cyan (17%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47981 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 D47981 by changing the saturation by 10% instead.



 D47981

 D47981

FFFFFF

 B75F68

 FFAFB6

 9A4650

 FFCBD1

 7F2D39

 FFE7EE

 631324

 48000F

 310001

 000000

 D47981

 D47981

 D4646E

 D48E94

 D44F5A

 D4A3A8

 D43947

 D4B9BB

 D42434

 D4CECE

 D40F20

 D4E3E2

 D40013

 D4F8F5

 D4FFFF

# Harmonies

## Analogous

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



CB7AA3



D47981



CB8163

# Triad

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



D47981



6F9F64



419BD4

# Complementary

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



D47981



79D4CC

# 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.



00A2C4



D47981



40A483

# Square

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



D47981



959752



00A5A6



8190D3

# Rectangle

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



D47981



BE8856



00A5A6



239ED0



# Sweetspot

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



D47981



FFDEE1



CB79D4



806B6D



000000



808080



# Same Dimension

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



D47981



FF7A86



D49D79



6B6061



AB000F



2B0004



# Inverse Universe

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



D47981



FF7A86



79B0D4



6B6061



AB000F



2B0004



# Previews

## White Background



This preview shows how the Hex color D47981 looks on a white background.

## Color Contrast Check

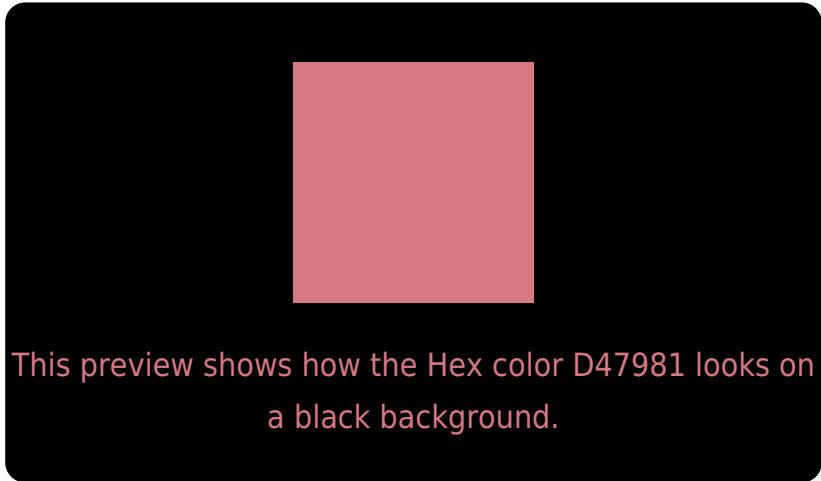
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47981 Background



This preview shows how black text looks on a background with the Hex color D47981.

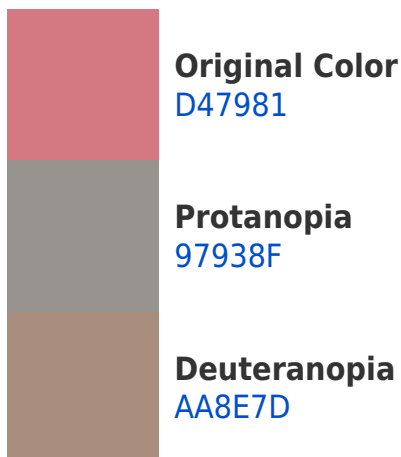


This preview shows how white text looks on a background with the Hex color D47981.

# 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](#).

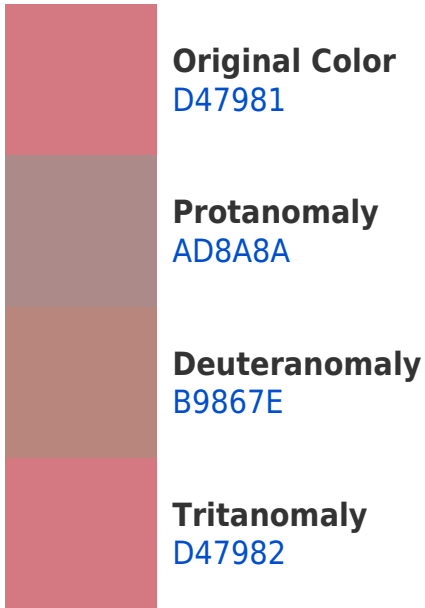
## Dichromacy



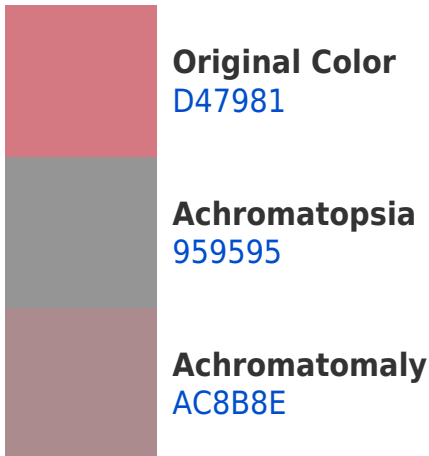


**Tritanopia**  
D47982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47981 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 #D47981 looks like.

```
.text, #text, p{  
    color:#D47981  
}
```

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 #D47981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47981
}
```

## Border

The CSS property to change the border of an element to Hex D47981 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
#D47981 }
```

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

```
.border{ border-color:#D47981 }
```

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

Here you see how a box with a 4 pixel #D47981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47981; -webkit-box-shadow:4px 4px  
4px 4px #D47981; box-shadow:4px 4px 4px  
4px #D47981 }
```

# Background

The CSS property to change the background color of an element to Hex D47981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47981 }
```

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

```
.background{ background-color:#D47981 }
```

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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