

# Converting Colors

Hex(D47F9A)

Have a look what the booklet for  
Hex(D47F9A) contains.

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# **Color**

**Hex(D47F9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D47F9A
RGB	212, 127, 154
RGB Percent	83%, 50%, 60%
CMY	0.1686, 0.5020, 0.3961
CMYK	0.00, 0.40, 0.27, 0.17
HSL	341°, 50%, 66%
HSV	341°, 40%, 83%
XYZ	40.5735, 31.5089, 34.5152
YIQ	155.4930, 41.9930, 26.4170

# Conversions

## Conversions Part 2

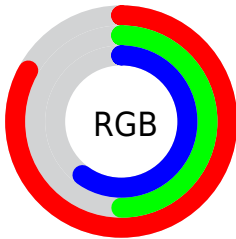
Format	Color
R <sub>Y</sub> B	212, 127, 154
Decimal	13926298
CIE Lab	62.93, 36.24, -0.27
CIE LCh	63, 36.241, 359.567
Yxy	31.5089, 0.3806, 0.2956
Android (android.graphics.Color)	4292116378 (0xFFD47F9A)
YUV	155.4930, -0.7360, 49.5566
Hunter-Lab	56.1328, 30.7897, 2.8364

# Details

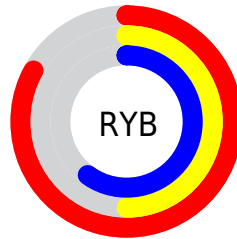
The Hex color **D47F9A** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7FD4B9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB5D0**, and **9B4C67** is the 20% darker color. If you saturate the color by 10%, you get **D46A8C**, and if you desaturate by 10%, it is **D494A8**.

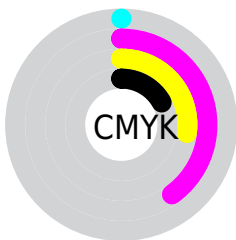
# Distribution



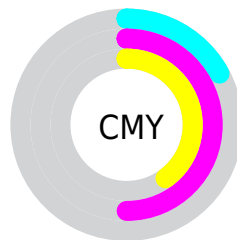
- Red (83%)
- Green (50%)
- Blue (60%)



- Red (83%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47F9A 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 D47F9A by changing the saturation by 10% instead.



 D47F9A

 D47F9A

FFFFFF

 B76580

 FFB5D0

 9B4C67

 FFD1ED

 80334F

 FFEEFF

 651A38

 4B0023

 33000D

 0E0000

 000000

 D47F9A

 D47F9A

 D46A8C

 D494A8

 D4557D

 D4A9B7

 D43F6F

 D4BFC5

 D42A60

 D4D4D4

 D41552

 D4E9E2

 D40043

 D4FEF1

 D4FFFF

# Harmonies

## Analogous

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



C085B9



D47F9A



D6827A

# Triad

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



D47F9A



8CA05F



26A4CF

# Complementary

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



D47F9A



7FD4B9

# 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.



00A9B7



D47F9A



66A677

# Square

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



D47F9A



AE9657



37A997



679CD8

# Rectangle

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



D47F9A



CE8769



37A997



03A6C8



# Sweetspot

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



D47F9A



FFE0EA



B87FD4



806E73



000000



808080



# Same Dimension

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



D47F9A



FF85AB



D48D7F



6B6064



AB0036



2B000E



# Inverse Universe

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



D47F9A



FF85AB



7FC6D4



6B6064



AB0036

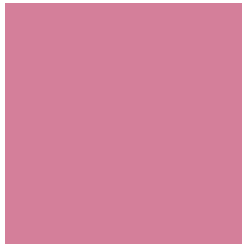


2B000E



# Previews

## White Background



This preview shows how the Hex color D47F9A looks on a white background.

## Color Contrast Check

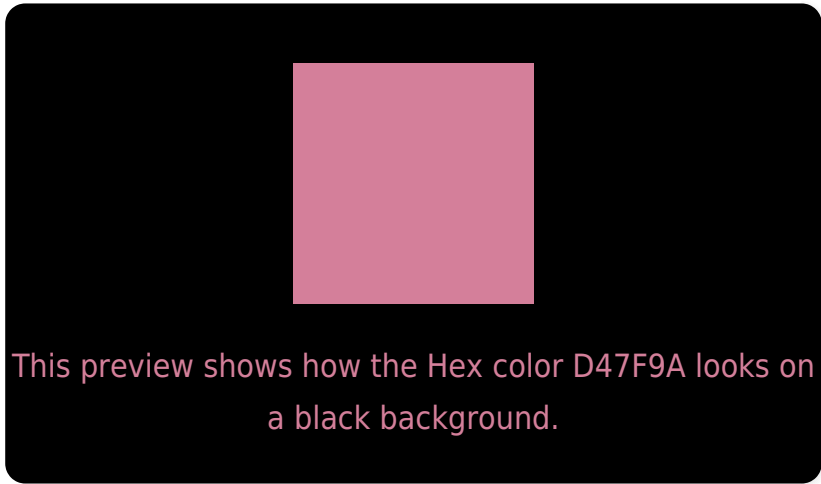
Large Text (above 18pt) WCAG AA × Fail

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 D47F9A Background



This preview shows how black text looks on a background with the Hex color D47F9A.



This preview shows how white text looks on a background with the Hex color D47F9A.

# 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**  
D47F9A

**Protanopia**  
9798A9

**Deuteranopia**  
A89496



**Tritanopia**  
D3828B

# Trichromacy



**Original Color**  
D47F9A



**Protanomaly**  
AD8FA4



**Deuteranomaly**  
B88C97

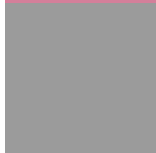


**Tritanomaly**  
D38190

# Monochromacy



**Original Color**  
D47F9A



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
B0919B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47F9A 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 #D47F9A looks like.

```
.text, #text, p{  
    color:#D47F9A  
}
```

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 #D47F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47F9A
}
```

## Border

The CSS property to change the border of an element to Hex D47F9A 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
#D47F9A }
```

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

```
.border{ border-color:#D47F9A }
```

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

Here you see how a box with a 4 pixel #D47F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47F9A; -webkit-box-shadow:4px 4px  
4px 4px #D47F9A; box-shadow:4px 4px 4px  
4px #D47F9A }
```

# Background

The CSS property to change the background color of an element to Hex D47F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47F9A }
```

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

```
.background{ background-color:#D47F9A }
```

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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