

# Converting Colors

Hex(D799B4)

Have a look what the booklet for  
Hex(D799B4) contains.

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# **Color**

**Hex(D799B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D799B4
RGB	215, 153, 180
RGB Percent	84%, 60%, 71%
CMY	0.1569, 0.4000, 0.2941
CMYK	0.00, 0.29, 0.16, 0.16
HSL	334°, 44%, 72%
HSV	334°, 29%, 84%
XYZ	47.6538, 40.5248, 48.4905
YIQ	174.6160, 28.2850, 21.5410

# Conversions

## Conversions Part 2

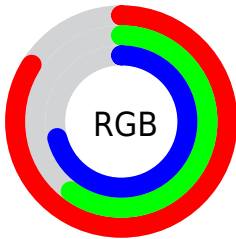
Format	Color
R <sub>Y</sub> B	215, 153, 180
Decimal	14129588
CIE Lab	69.84, 27.21, -4.73
CIE LCh	70, 27.613, 350.140
Yxy	40.5248, 0.3487, 0.2965
Android (android.graphics.Color)	4292319668 (0xFFD799B4)
YUV	174.6160, 2.6543, 35.4168
Hunter-Lab	63.6591, 22.2176, -0.6010

# Details

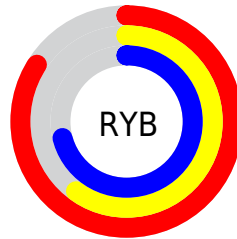
The Hex color **D799B4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99D7BC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD0EC**, and **9F657F** is the 20% darker color. If you saturate the color by 10%, you get **D784A8**, and if you desaturate by 10%, it is **D7AFC0**.

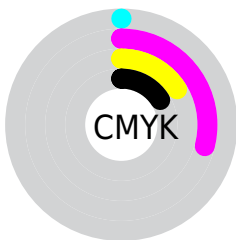
# Distribution



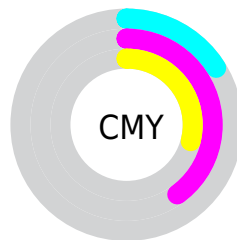
- Red (84%)
- Green (60%)
- Blue (71%)



- Red (84%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D799B4 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 D799B4 by changing the saturation by 10% instead.



 D799B4

 D799B4

FFFFFF

 BB7F99

 FFD0EC

 9F657F

 FFECFF

 844D66

 6A354E

 511E38

 390622

 26000C

 000000

 D799B4

 D799B4

 D784A8

 D7AFC0

 D76E9C

 D7C4CC

 D75890

 D7DAD8

 D74383

 D7EFE5

 D72D77

 D7FFF1

 D7186B

 D7FFFD

 D7025F

 D7FFFF

 D7005E

# Harmonies

## Analogous

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



C39FCB



D799B4



DD999B

# Triad

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



D799B4



ABAE7B



63B6D0

# Complementary

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



D799B4



99D7BC

# 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.



5FB8BB



D799B4



8FB58A

# Square

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



D799B4



C4A67A



73B8A1



7FB0DB

# Rectangle

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



D799B4



DA9C8B



73B8A1



5FB7CA



# Sweetspot

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



D799B4



FFE8F2



BB99D7



807178



000000



808080



# Same Dimension

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



D799B4



FFA6CD



D79C99



6B6065



AB004A



2B0013



# Inverse Universe

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



D799B4



FFA6CD



99D4D7



6B6065



AB004A

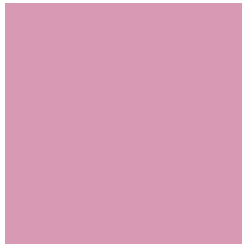


2B0013



# Previews

## White Background



This preview shows how the Hex color D799B4 looks on a white background.

## Color Contrast Check

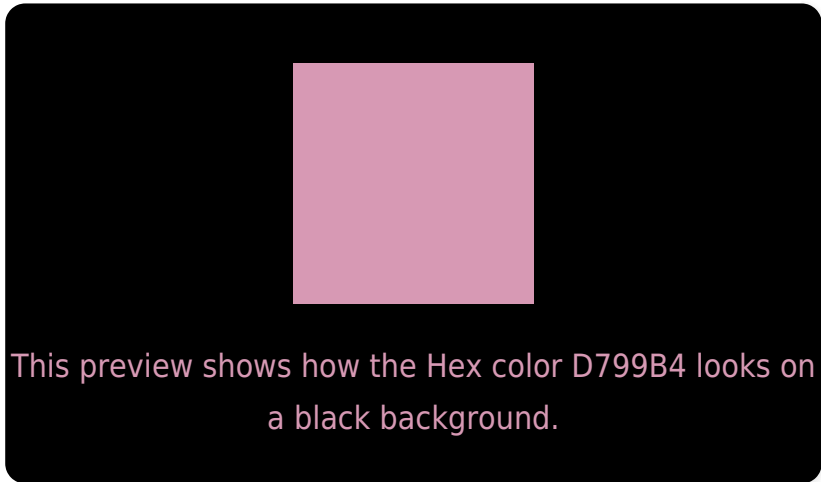
Large Text (above 18pt) WCAG AA × Fail

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

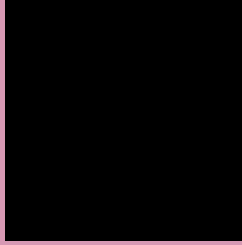
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D799B4 Background



This preview shows how black text looks on a background with the Hex color D799B4.



This preview shows how white text looks on a background with the Hex color D799B4.

# 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](#).

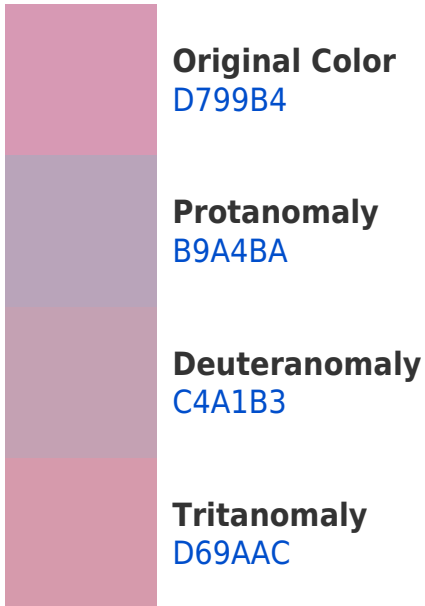
## Dichromacy



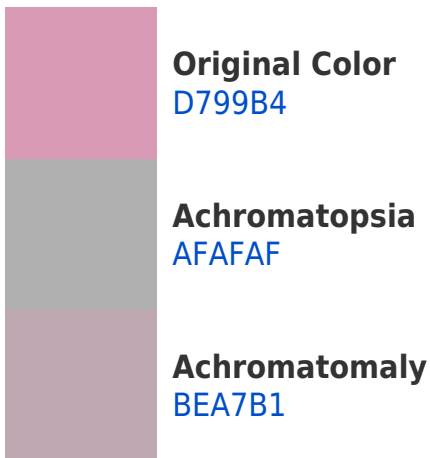


**Tritanopia**  
D59BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D799B4 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 #D799B4 looks like.

```
.text, #text, p{  
    color:#D799B4  
}
```

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 #D799B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D799B4
}
```

## Border

The CSS property to change the border of an element to Hex D799B4 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
#D799B4 }
```

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

```
.border{ border-color:#D799B4 }
```

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

Here you see how a box with a 4 pixel #D799B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D799B4; -webkit-box-shadow:4px 4px  
4px 4px #D799B4; box-shadow:4px 4px 4px  
4px #D799B4 }
```

# Background

The CSS property to change the background color of an element to Hex D799B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D799B4 }
```

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

```
.background{ background-color:#D799B4 }
```

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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