

# Converting Colors

Hex(D549B4)

Have a look what the booklet for  
Hex(D549B4) contains.

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# Color

Hex(D549B4)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D549B4                     |
| RGB           | 213, 73, 180               |
| RGB Percent   | 84%, 29%, 71%              |
| CMY           | 0.1647, 0.7137, 0.2941     |
| CMYK          | 0.00, 0.66, 0.15, 0.16     |
| HSL           | 314°, 63%, 56%             |
| HSV           | 314°, 66%, 84%             |
| XYZ           | 38.0613, 22.2065, 45.4602  |
| YIQ           | 127.0580, 49.0930, 62.9570 |

# Conversions

## Conversions Part 2

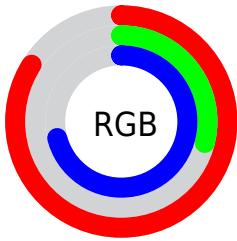
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 213, 73, 180                  |
| Decimal                             | 13978036                      |
| CIE Lab                             | 54.25, 65.76, -28.37          |
| CIE LCh                             | 54, 71.617, 336.664           |
| Yxy                                 | 22.2065, 0.3600,<br>0.2100    |
| Android<br>(android.graphics.Color) | 4292168116<br>(0xFFD549B4)    |
| YUV                                 | 127.0580, 26.1004,<br>75.3711 |
| Hunter-Lab                          | 47.1238, 61.7058,<br>-24.2103 |

# Details

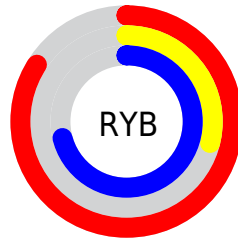
The Hex color **D549B4** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **49D56A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF83EC**, and **9B007F** is the 20% darker color. If you saturate the color by 10%, you get **D534AF**, and if you desaturate by 10%, it is **D55EB9**.

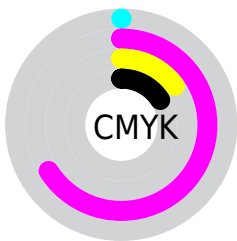
# Distribution



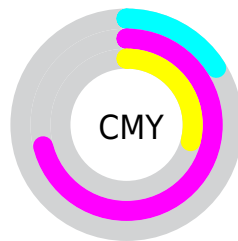
- Red (84%)
- Green (29%)
- Blue (71%)



- Red (84%)
- Yellow (29%)
- Blue (71%)



- Cyan (0%)
- Magenta (66%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D549B4 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 D549B4 by changing the saturation by 10% instead.



 D549B4

 D549B4

FFFFFF

 B82999

 FF83EC

 9B007F

 FF9FFF

 7E0066

 FFBCFF


 62004D

 FFD9FF

 470036

 FFF7FF

 2D0020

 000003

 000000

 D549B4

 D549B4

 D534AF

 D55EB9

 D51EAA

 D574BE

 D509A5

 D589C3

 D500A3

 D59EC8

 D5B4CD

 D5C9D2

 D5DED7

 D5F3DC

 D5FFE1

# Harmonies

## Analogous

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



926AE6



D549B4



ED3877

# Triad

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



D549B4



908400



009CCB

# Complementary

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



D549B4



49D56A

# 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.



009D8E



D549B4



4D9200

# Square

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



D549B4



C26C00



009A4D



0095F4

# Rectangle

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



D549B4



EA444E



009A4D



009DB8



# Sweetspot

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



D549B4



FFCCF3



6A49D5



806178



000000



808080



# Same Dimension

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



D549B4



FF36D0



D5496E



6B6069



AB0083



2B0021



# Inverse Universe

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



D549B4



FF36D0



49D5B0



6B6069



AB0083



2B0021



# Previews

## White Background



This preview shows how the Hex color D549B4 looks on a white background.

## Color Contrast Check

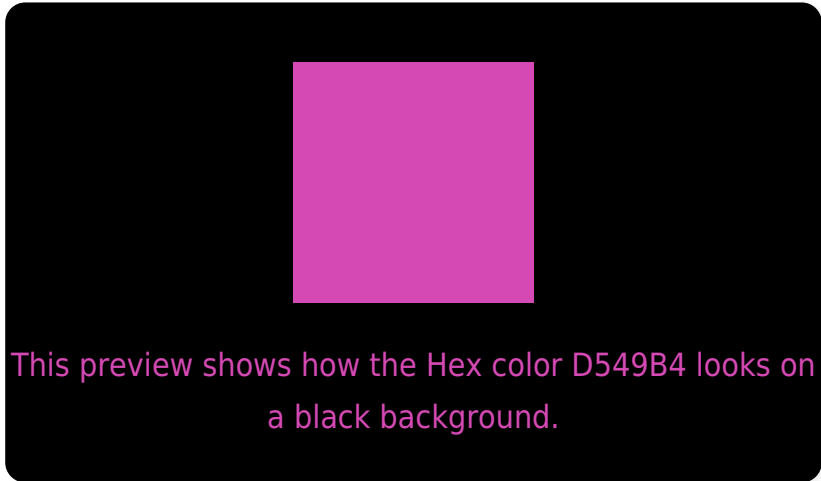
Large Text (above 18pt) WCAG AA ✓ Pass

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 D549B4 Background



This preview shows how black text looks on a background with the Hex color D549B4.



This preview shows how white text looks on a background with the Hex color D549B4.

# 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](#).

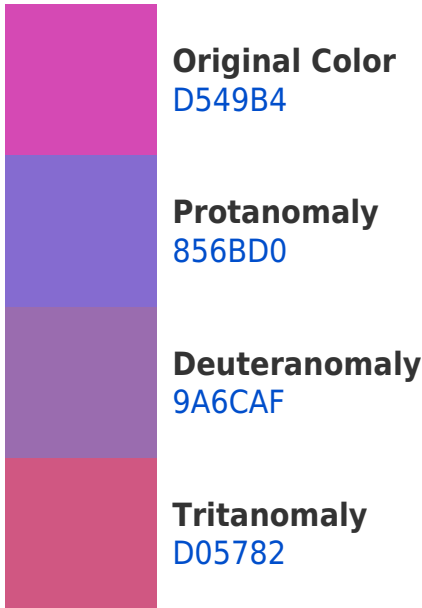
## Dichromacy



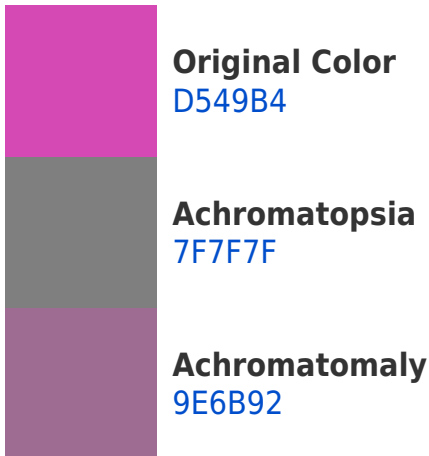


**Tritanopia**  
CD5F65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D549B4 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 #D549B4 looks like.

```
.text, #text, p{  
    color:#D549B4  
}
```

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 #D549B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D549B4
}
```

## Border

The CSS property to change the border of an element to Hex D549B4 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
#D549B4 }
```

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

```
.border{ border-color:#D549B4 }
```

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

Here you see how a box with a 4 pixel #D549B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D549B4; -webkit-box-shadow:4px 4px  
4px 4px #D549B4; box-shadow:4px 4px 4px  
4px #D549B4 }
```

# Background

The CSS property to change the background color of an element to Hex D549B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D549B4 }
```

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

```
.background{ background-color:#D549B4 }
```

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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