

# Converting Colors

Hex(D4339A)

Have a look what the booklet for  
Hex(D4339A) contains.

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**Color**

**Hex(D4339A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4339A
RGB	212, 51, 154
RGB Percent	83%, 20%, 60%
CMY	0.1686, 0.8000, 0.3961
CMYK	0.00, 0.76, 0.27, 0.17
HSL	322°, 65%, 52%
HSV	322°, 76%, 83%
XYZ	34.1679, 18.6978, 32.3800
YIQ	110.8810, 62.8930, 66.1650

# Conversions

## Conversions Part 2

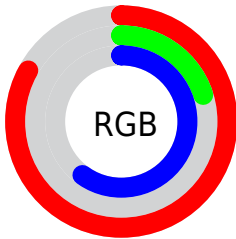
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 51, 154
Decimal	13906842
CIE Lab	50.33, 69.61, -19.13
CIE LCh	50, 72.188, 344.632
Yxy	18.6978, 0.4008, 0.2193
Android (android.graphics.Color)	4292096922 (0xFFD4339A)
YUV	110.8810, 21.2577, 88.6814
Hunter-Lab	43.2409, 65.3747, -14.1294

# Details

The Hex color **D4339A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **33D46D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF71D1**, and **990067** is the 20% darker color. If you saturate the color by 10%, you get **D41E92**, and if you desaturate by 10%, it is **D448A2**.

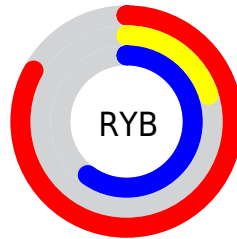
# Distribution



Red (83%)

Green (20%)

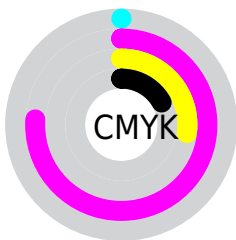
Blue (60%)



Red (83%)

Yellow (20%)

Blue (60%)

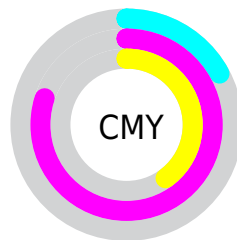


Cyan (0%)

Magenta (76%)

Yellow (27%)

Black (17%)



Cyan (17%)

Magenta (80%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4339A 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 D4339A by changing the saturation by 10% instead.



 D4339A

 D4339A

FFFFFF

 B60080

 FF71D1

 990067

 FF8EED

 7C004F

 FFABFF

 5F0038

 FFC8FF

 450022

 FFE6FF

 280007

 000000

 D4339A

 D4339A

 D41E92

 D448A2

 D4098B

 D45DA9

 D40088

 D473B1

 D488B9

 D49DC0

 D4B2C8

 D4C7CF

 D4DDD7

 D4F2DF

# Harmonies

## Analogous

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



9E57D0



D4339A



E22B5D

# Triad

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



D4339A



757E00



0091CE

# Complementary

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



D4339A



33D46D

# 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.



009295



D4339A



228B0B

# Square

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



D4339A



AB6900



009155



0088EF

# Rectangle

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



D4339A



DA3F35



009155



0092BD



# Sweetspot

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



D4339A



FFC4EA



6B33D4



805C73



000000



808080



# Same Dimension

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



D4339A



FF17AB



D4334B



6B6067



AB006D



2B001C



# Inverse Universe

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



D4339A



FF17AB



33D4BC



6B6067



AB006D



2B001C



# Previews

## White Background



This preview shows how the Hex color D4339A looks on a white background.

## Color Contrast Check

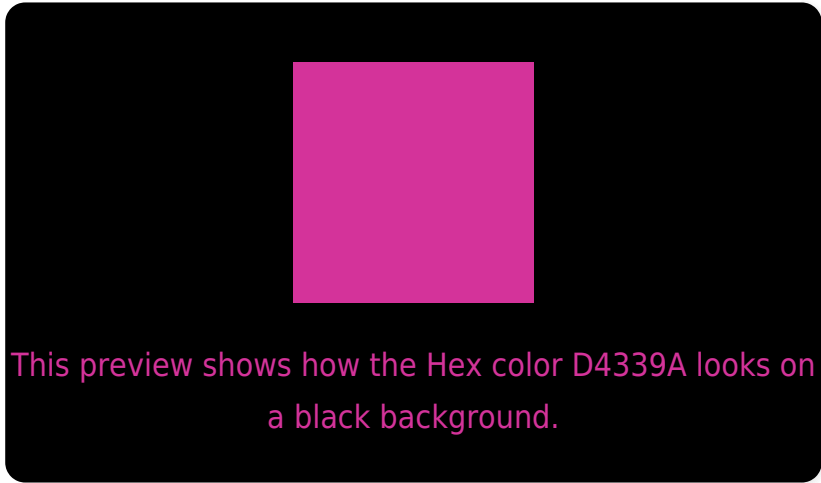
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4339A Background



This preview shows how black text looks on a background with the Hex color D4339A.

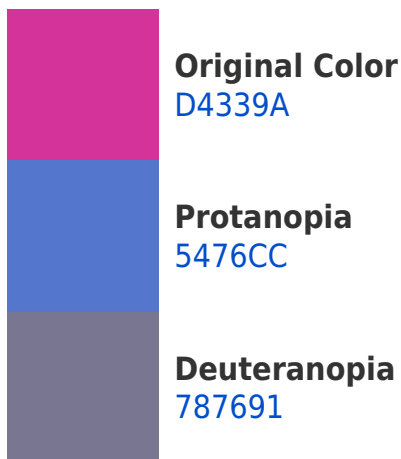


This preview shows how white text looks on a background with the Hex color D4339A.

# 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





# Trichromacy



**Original Color**  
D4339A



**Protanomaly**  
835EBA



**Deuteranomaly**  
995E94

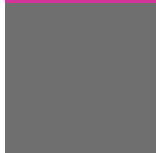


**Tritanomaly**  
D0426A

# Monochromacy



**Original Color**  
D4339A



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
94597F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4339A 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 #D4339A looks like.

```
.text, #text, p{  
    color:#D4339A  
}
```

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 #D4339A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4339A
}
```

## Border

The CSS property to change the border of an element to Hex D4339A 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
#D4339A }
```

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

```
.border{ border-color:#D4339A }
```

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

Here you see how a box with a 4 pixel #D4339A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4339A; -webkit-box-shadow:4px 4px  
4px 4px #D4339A; box-shadow:4px 4px 4px  
4px #D4339A }
```

# Background

The CSS property to change the background color of an element to Hex D4339A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4339A }
```

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

```
.background{ background-color:#D4339A }
```

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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