

# Converting Colors

Hex(D3239B)

Have a look what the booklet for  
Hex(D3239B) contains.

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# Color

**Hex(D3239B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3239B
RGB	211, 35, 155
RGB Percent	83%, 14%, 61%
CMY	0.1725, 0.8627, 0.3922
CMYK	0.00, 0.83, 0.27, 0.17
HSL	319°, 72%, 48%
HSV	319°, 83%, 83%
XYZ	33.3814, 17.4175, 32.6129
YIQ	101.3040, 66.3760, 74.6320

# Conversions

## Conversions Part 2

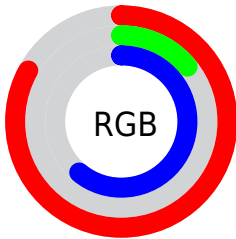
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 35, 155
Decimal	13837211
CIE <sub>Lab</sub>	48.78, 73.54, -22.12
CIE <sub>LCh</sub>	49, 76.794, 343.257
Yxy	17.4175, 0.4002, 0.2088
Android (android.graphics.Color)	4292027291 (0xFFD3239B)
YUV	101.3040, 26.4721, 96.2034
Hunter-Lab	41.7343, 69.7392, -17.1176

# Details

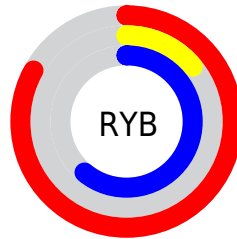
The Hex color **D3239B** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **23D35B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67D2**, and **980068** is the 20% darker color. If you saturate the color by 10%, you get **D30E94**, and if you desaturate by 10%, it is **D338A2**.

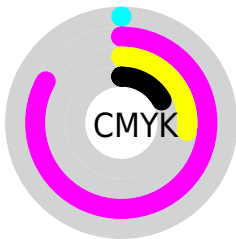
# Distribution



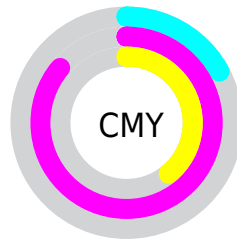
- Red (83%)
- Green (14%)
- Blue (61%)



- Red (83%)
- Yellow (14%)
- Blue (61%)



- Cyan (0%)
- Magenta (83%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (86%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3239B 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 D3239B by changing the saturation by 10% instead.



 D3239B

 D3239B

FFFFFF

 B50081

 FF67D2

 980068

 FF85EE

 7A004F

 FFA2FF

 5E0038

 FFC0FF

 430023

 FFDDFF

 260008

 FFFCFF

 000000

 D3239B

 D3239B

 D30E94

 D338A2

 D30090

 D34DA8

 D362AF

 D377B6

 D38DBD

 D3A2C3

 D3B7CA

 D3CCD1

 D3E1D7

# Harmonies

## Analogous

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



9852D4



D3239B



E30F5A

# Triad

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



D3239B



737A00



008ECD

# Complementary

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



D3239B



23D35B

# 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.



008F90



D3239B



148700

# Square

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



D3239B



AA6300



008D4C



0086F2

# Rectangle

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



D3239B



DB3130



008D4C



008FBA



# Sweetspot

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



D3239B



FFBFEB



5B23D3



805973



000000



808080



# Same Dimension

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



D3239B



FF00AE



D32343



695E65



A80073



29001C



# Inverse Universe

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



D3239B



FF00AE



23D3B3



695E65



A80073



29001C



# Previews

## White Background



This preview shows how the Hex color D3239B looks on a white 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

# Black 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

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



## Hex D3239B Background



This preview shows how black text looks on a background with the Hex color D3239B.

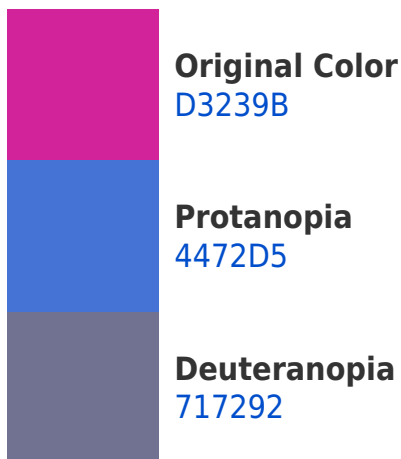


This preview shows how white text looks on a background with the Hex color D3239B.

# 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**  
D3239B



**Protanomaly**  
7855C0



**Deuteranomaly**  
955595



**Tritanomaly**  
CF3866

# Monochromacy



**Original Color**  
D3239B



**Achromatopsia**  
656565



**Achromatomaly**  
8D4D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3239B 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 #D3239B looks like.

```
.text, #text, p{  
    color:#D3239B  
}
```

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 #D3239B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3239B
}
```

## Border

The CSS property to change the border of an element to Hex D3239B 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
#D3239B }
```

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

```
.border{ border-color:#D3239B }
```

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

Here you see how a box with a 4 pixel #D3239B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3239B; -webkit-box-shadow:4px 4px  
4px 4px #D3239B; box-shadow:4px 4px 4px  
4px #D3239B }
```

# Background

The CSS property to change the background color of an element to Hex D3239B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3239B }
```

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

```
.background{ background-color:#D3239B }
```

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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