

# Converting Colors

Hex(D39BF3)

Have a look what the booklet for  
Hex(D39BF3) contains.

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# **Color**

**Hex(D39BF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D39BF3
RGB	211, 155, 243
RGB Percent	83%, 61%, 95%
CMY	0.1725, 0.3922, 0.0471
CMYK	0.13, 0.36, 0.00, 0.05
HSL	278°, 79%, 78%
HSV	278°, 36%, 95%
XYZ	54.7630, 43.7626, 90.3547
YIQ	181.7760, 5.1280, 39.2400

# Conversions

## Conversions Part 2

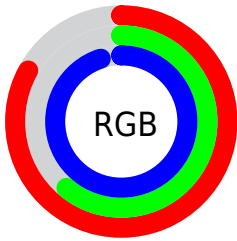
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 155, 243
Decimal	13868019
CIE Lab	72.07, 36.45, -36.10
CIE LCh	72, 51.298, 315.275
Yxy	43.7626, 0.2899, 0.2317
Android (android.graphics.Color)	4292058099 (0xFFD39BF3)
YUV	181.7760, 30.1834, 25.6294
Hunter-Lab	66.1533, 31.9973, -34.6732

# Details

The Hex color **D39BF3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BBF39B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD2FF**, and **9B67BA** is the 20% darker color. If you saturate the color by 10%, you get **CA83F3**, and if you desaturate by 10%, it is **DCB3F3**.

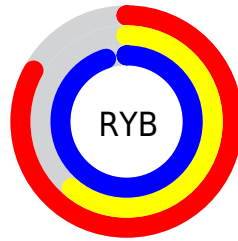
# Distribution



Red (83%)

Green (61%)

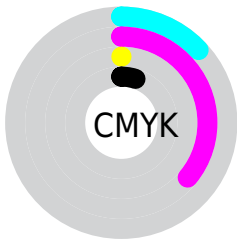
Blue (95%)



Red (83%)

Yellow (61%)

Blue (95%)

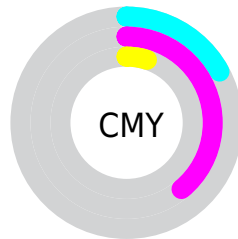


Cyan (13%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (17%)

Magenta (39%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D39BF3 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 D39BF3 by changing the saturation by 10% instead.



 D39BF3

 D39BF3

FFFFFF

 B781D6

 FFD2FF

 9B67BA

 FFEFFF

 804E9F

 663685

 4C1E6B

 330453

 1E003B

 000124

 00000C

 D39BF3

 D39BF3

 CA83F3

 DCB3F3

 C16AF3

 E5CCF3

 B852F3

 EEE4F3

 B03AF3

 F6FCF3

 A721F3

 FFFFF3

 9E09F3

 9B00F3

# Harmonies

## Analogous

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



8EADFF



D39BF3



FC8CCA

# Triad

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



D39BF3



E0A655



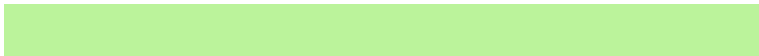
00C9C8

# Complementary

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



D39BF3



BBF39B

# 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.



31C797



D39BF3



B5B653

# Square

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



D39BF3



FE9570



81C16C



00C5F2

# Rectangle

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



D39BF3



FF89AA



81C16C



00C9B8



# Sweetspot

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



D39BF3



F5E3FF



9BBBF3



796F80



000000



808080



# Same Dimension

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



D39BF3



D791FF



F39BE7



766E7A



7600BA



25003B



# Inverse Universe

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



F39BBB



FF91B9



9BF3A7



7A6E73



BA0044

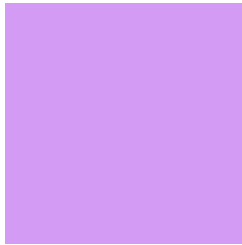


3B0015



# Previews

## White Background



This preview shows how the Hex color D39BF3 looks on a white background.

## Color Contrast Check

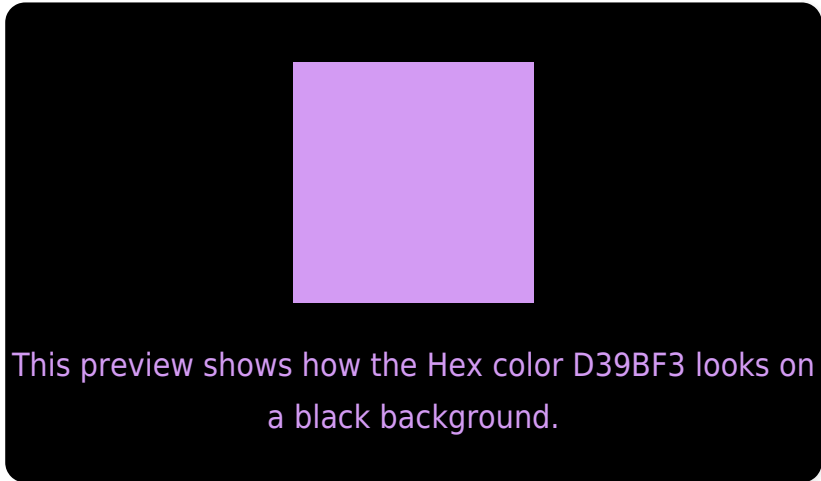
Large Text (above 18pt) WCAG AA × Fail

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 D39BF3 Background



This preview shows how black text looks on a background with the Hex color D39BF3.



This preview shows how white text looks on a background with the Hex color D39BF3.

# 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**  
C9A8B5

# Trichromacy



**Original Color**  
D39BF3



**Protanomaly**  
ADA7FB



**Deuteranomaly**  
B2A7F0



**Tritanomaly**  
CDA3CC

# Monochromacy



**Original Color**  
D39BF3



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
C1ACCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D39BF3 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 #D39BF3 looks like.

```
.text, #text, p{  
    color:#D39BF3  
}
```

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 #D39BF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39BF3
}
```

## Border

The CSS property to change the border of an element to Hex D39BF3 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
#D39BF3 }
```

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

```
.border{ border-color:#D39BF3 }
```

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

Here you see how a box with a 4 pixel #D39BF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39BF3; -webkit-box-shadow:4px 4px  
4px 4px #D39BF3; box-shadow:4px 4px 4px  
4px #D39BF3 }
```

# Background

The CSS property to change the background color of an element to Hex D39BF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39BF3 }
```

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

```
.background{ background-color:#D39BF3 }
```

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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