

Converting Colors

Hex(84339D)

Have a look what the booklet for
Hex(84339D) contains.

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Color

Hex(84339D)

Conversions

Conversions Part 1

Format	Color
Hex	84339D
RGB	132, 51, 157
RGB Percent	52%, 20%, 62%
CMY	0.4824, 0.8000, 0.3843
CMYK	0.16, 0.68, 0.00, 0.38
HSL	286°, 51%, 41%
HSV	286°, 68%, 62%
XYZ	16.7853, 9.7075, 32.8873
YIQ	87.3030, 14.2500, 50.1380

Conversions

Conversions Part 2

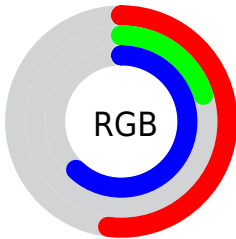
Format	Color
R_{YB}	132, 51, 157
Decimal	8663965
CIE _{Lab}	37.31, 50.73, -42.27
CIE _{LCh}	37, 66.032, 320.195
Yxy	9.7075, 0.2827, 0.1635
Android (android.graphics.Color)	4286854045 (0xFF84339D)
YUV	87.3030, 34.3606, 39.1993
Hunter-Lab	31.1569, 41.6400, -40.7732

Details

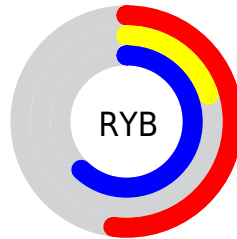
The Hex color **84339D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4C9D33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BC68D4**, and **4E0069** is the 20% darker color. If you saturate the color by 10%, you get **80239D**, and if you desaturate by 10%, it is **88439D**.

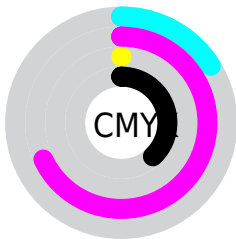
Distribution



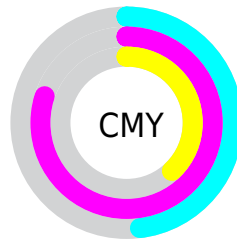
- Red (52%)
- Green (20%)
- Blue (62%)



- Red (52%)
- Yellow (20%)
- Blue (62%)



- Cyan (16%)
- Magenta (68%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (80%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84339D 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 84339D by changing the saturation by 10% instead.

 84339D

 84339D

FFFFFF

 691683

 BC68D4

 4E0069

 D982F1

 340050

 F69DFF

 1D0039

 FFB9FF

 000222

 FFD6FF

 000008

 FFF3FF

 000000

 84339D

 84339D

 80239D

 88439D

 7D149D

 8B529D

 79049D

 8F629D

 78009D

 93729D

 97829D

 9A919D

 9EA19D

 A2B19D

 A5C09D

Harmonies

Analogous

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



0252BD



84339D



AB006C

Triad

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



84339D



7A4F00



006E7B

Complementary

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



84339D



4C9D33

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.



006D44



84339D



4A6000

Square

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



84339D



9E3400



006901



006CAA

Rectangle

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



84339D



B20048



006901



006E69

Sweetspot

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



84339D



C2A3CC



334E9D



604E66



E6E6E6



666666

Same Dimension

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



84339D



A527CC



9D3383



4D474F



6D008F



0C000F

Inverse Universe

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



9D334C



CC274E



339D4E



4F4749



8F0022



0F0004

Previews

White Background



This preview shows how the Hex color 84339D looks on a white background.

Color Contrast Check

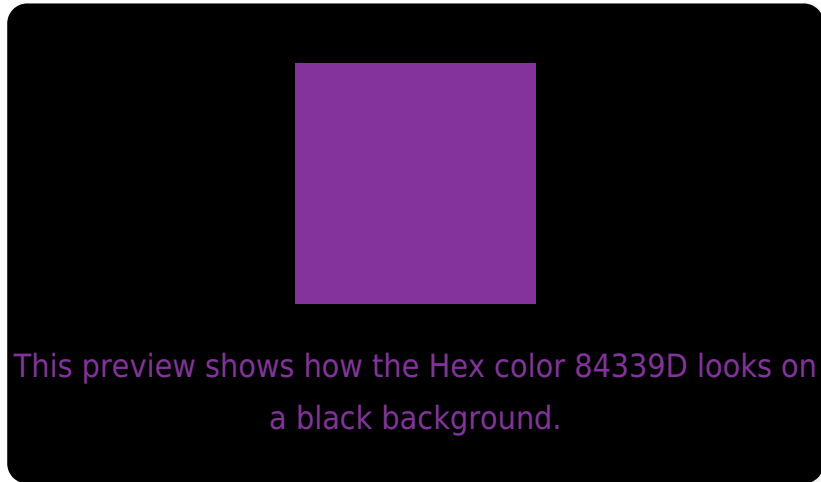
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

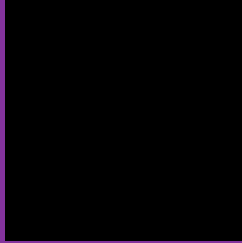
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 84339D Background



This preview shows how black text looks on a background with the Hex color 84339D.

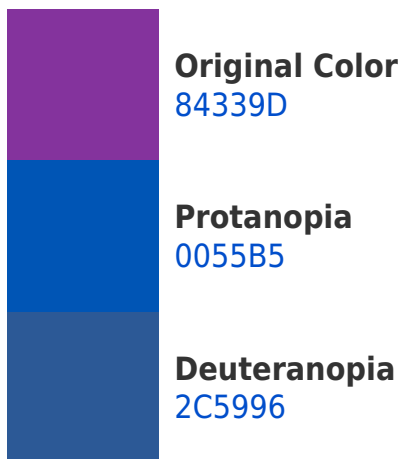


This preview shows how white text looks on a background with the Hex color 84339D.

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](#).

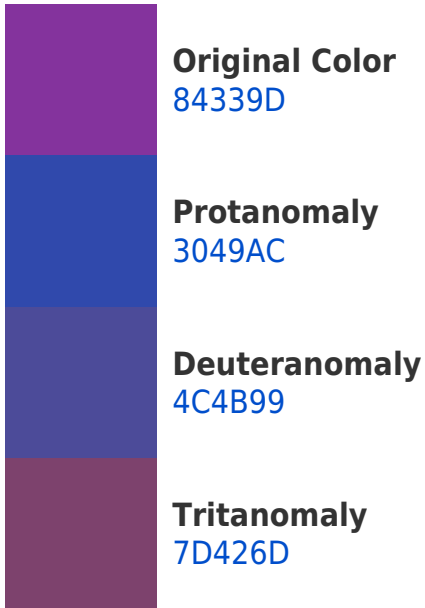
Dichromacy



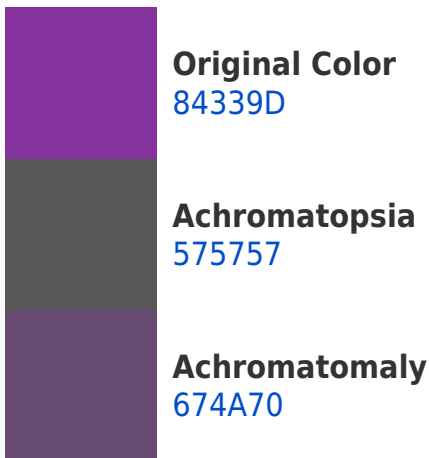


Tritanopia
794B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84339D 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 #84339D looks like.

```
.text, #text, p{  
    color:#84339D  
}
```

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 #84339D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84339D
}
```

Border

The CSS property to change the border of an element to Hex 84339D is called "border". The border property can be set on classes, ids or directly on the HTML element.

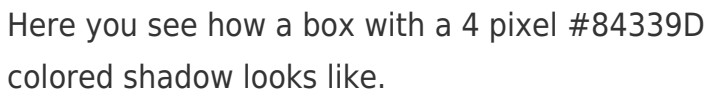
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84339D }
```

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

```
.border{ border-color:#84339D }
```

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



Here you see how a box with a 4 pixel #84339D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84339D; -webkit-box-shadow:4px 4px  
4px 4px #84339D; box-shadow:4px 4px 4px  
4px #84339D }
```

Background

The CSS property to change the background color of an element to Hex 84339D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84339D }
```

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

```
.background{ background-color:#84339D }
```

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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