

# Converting Colors

Hex(39008F)

Have a look what the booklet for  
Hex(39008F) contains.

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# Color

**Hex(39008F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39008F
RGB	57, 0, 143
RGB Percent	22%, 0%, 56%
CMY	0.7765, 1.0000, 0.4392
CMYK	0.60, 1.00, 0.00, 0.44
HSL	264°, 100%, 28%
HSV	264°, 100%, 56%
XYZ	6.6453, 2.8530, 26.1870
YIQ	33.3450, -11.9310, 56.5570

# Conversions

## Conversions Part 2

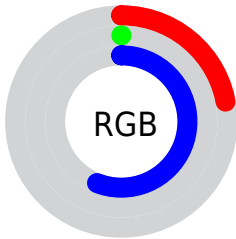
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 0, 143
Decimal	3735695
CIELab	19.45, 53.20, -63.26
CIELCh	19, 82.659, 310.061
Yxy	2.8530, 0.1862, 0.0799
Android (android.graphics.Color)	4281925775 (0xFF39008F)
YUV	33.3450, 54.0599, 20.7454
Hunter-Lab	16.8909, 40.6669, -80.0974

# Details

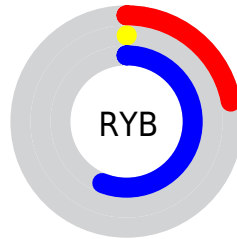
The Hex color **39008F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **568F00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **743BC6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **39008F**, and if you desaturate by 10%, it is **420E8F**.

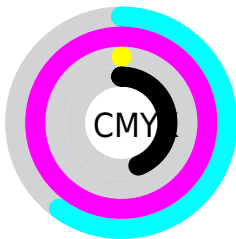
# Distribution



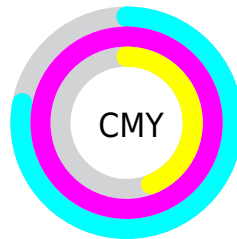
- Red (22%)
- Green (0%)
- Blue (56%)



- Red (22%)
- Yellow (0%)
- Blue (56%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39008F 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 39008F by changing the saturation by 10% instead.



 39008F


 39008F

 FFFAFF

 140075

 743BC6

 00005B

 9155E3

 000142

 AE6FFF

 00032B

 CB89FF

 000116

 E9A4FF

 000000

 FFC0FF

 FFDDFF

 39008F

 420E8F

 4A1D8F

 532B8F

 5B398F

 64488F

 6D568F

 75648F

 7E728F

 86818F

# Harmonies

## Analogous

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



0035AC



39008F



7E005A

# Triad

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



39008F



5A1900



004343

# Complementary

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



39008F



568F00

# 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.



004100



39008F



283400

# Square

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



39008F



7D0000



003D00



00447E

# Rectangle

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



39008F



8C0032



003D00



00422E



# Sweetspot

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



39008F



9982BA



00588F



4A3C5E



DEDEDE



5E5E5E



# Same Dimension

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



39008F



4A00BA



7E008F



434047



360087



030008



# Inverse Universe

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



8F0056



BA0070



118F00



474045



870051

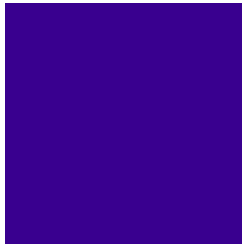


080005



# Previews

## White Background



This preview shows how the Hex color 39008F looks on a white background.

## Color Contrast Check

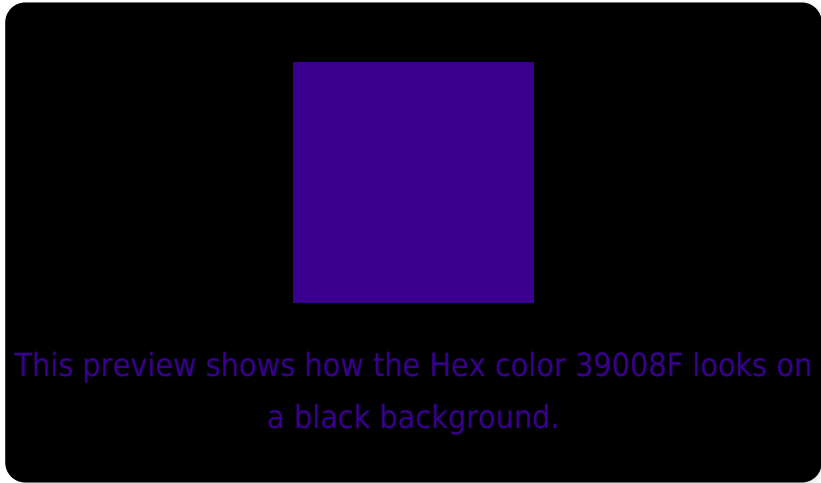
Large Text (above 18pt) WCAG AA ✓ Pass

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

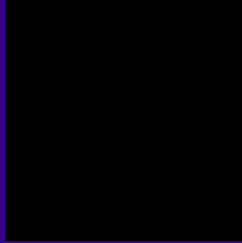
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39008F Background



This preview shows how black text looks on a background with the Hex color 39008F.



This preview shows how white text looks on a background with the Hex color 39008F.

# 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](#).

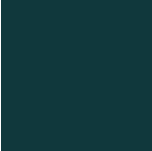
## Dichromacy



**Original Color**  
39008F

**Protanopia**  
003166

**Deuteranopia**  
003457



**Tritanopia**  
10383C

# Trichromacy



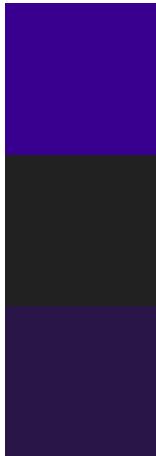
**Original Color**  
39008F

**Protanomaly**  
151F75

**Deuteranomaly**  
15216B

**Tritanomaly**  
1F245A

# Monochromacy



**Original Color**  
39008F

**Achromatopsia**  
212121

**Achromatomaly**  
2A1549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39008F 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 #39008F looks like.

```
.text, #text, p{  
    color:#39008F  
}
```

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 #39008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39008F
}
```

## Border

The CSS property to change the border of an element to Hex 39008F is called "border". The border property can be set on classes, ids or directly on the HTML element.

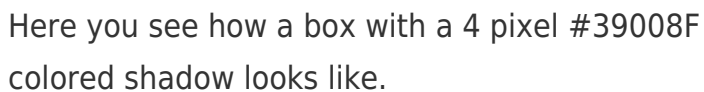
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39008F }
```

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

```
.border{ border-color:#39008F }
```

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



Here you see how a box with a 4 pixel `#39008F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39008F; -webkit-box-shadow:4px 4px  
4px 4px #39008F; box-shadow:4px 4px 4px  
4px #39008F }
```

# Background

The CSS property to change the background color of an element to Hex 39008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39008F }
```

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

```
.background{ background-color:#39008F }
```

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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