

# Converting Colors

Hex(3F038F)

Have a look what the booklet for  
Hex(3F038F) contains.

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# Color

**Hex(3F038F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F038F
RGB	63, 3, 143
RGB Percent	25%, 1%, 56%
CMY	0.7529, 0.9882, 0.4392
CMYK	0.56, 0.98, 0.00, 0.44
HSL	266°, 96%, 29%
HSV	266°, 98%, 56%
XYZ	7.0404, 3.1051, 26.2149
YIQ	36.9000, -9.1800, 56.2600

# Conversions

## Conversions Part 2

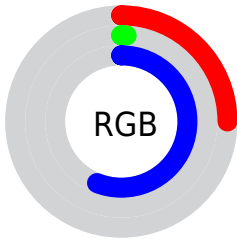
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 3, 143
Decimal	4129679
CIELab	20.46, 52.83, -61.56
CIElCh	20, 81.121, 310.637
Yxy	3.1051, 0.1936, 0.0854
Android (android.graphics.Color)	4282319759 (0xFF3F038F)
YUV	36.9000, 52.3073, 22.8897
Hunter-Lab	17.6212, 40.4811, -75.8704

# Details

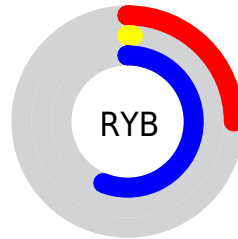
The Hex color **3F038F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **538F03**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **793EC6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **3D008F**, and if you desaturate by 10%, it is **47118F**.

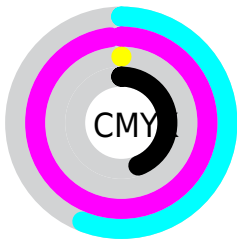
# Distribution



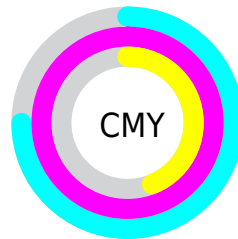
- Red (25%)
- Green (1%)
- Blue (56%)



- Red (25%)
- Yellow (1%)
- Blue (56%)



- Cyan (56%)
- Magenta (98%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (99%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F038F 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 3F038F by changing the saturation by 10% instead.



 3F038F

 3F038F

 FFFDFF

 1E0075

 793EC6

 00005B

 9557E3

 000043

 B271FF

 00032B

 D08CFF

 000116

 EDA7FF

 000000

 FFC3FF

 FFE0FF

 3F038F

 3F038F

■ 3D008F

■ 47118F

■ 4F208F

■ 582E8F

■ 603C8F

■ 684A8F

■ 70598F

■ 78678F

■ 80758F

■ 89848F

# Harmonies

## Analogous

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



0036AC



3F038F



80005A

# Triad

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



3F038F



5C1D00



004546

# Complementary

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



3F038F



538F03

# 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.



004300



3F038F



2A3600

# Square

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



3F038F



7E0000



003F00



004680

# Rectangle

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



3F038F



8E0033



003F00



004431



# Sweetspot

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



3F038F



9B84BA



03558F



4B3D5E



DEDEDE



5E5E5E



# Same Dimension

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



3F038F



5000BA



83038F



434047



3A0087



030008



# Inverse Universe

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



8F0353



BA006A



0F8F03



474044



87004D

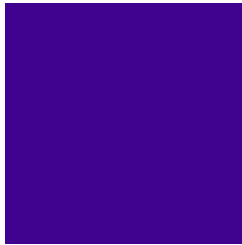


080004



# Previews

## White Background



This preview shows how the Hex color 3F038F 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

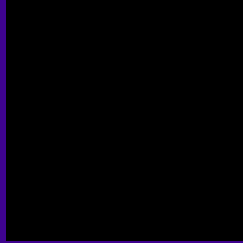
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F038F Background



This preview shows how black text looks on a background with the Hex color 3F038F.

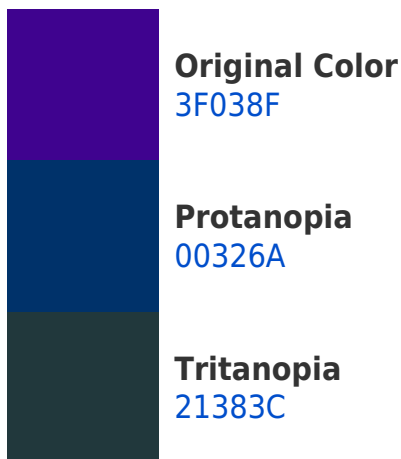


This preview shows how white text looks on a background with the Hex color 3F038F.

# 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

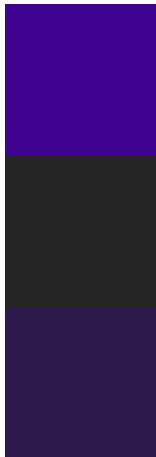


**Original Color**  
3F038F

**Protanomaly**  
172177

**Tritanomaly**  
2C255A

# Monochromacy



**Original Color**  
3F038F

**Achromatopsia**  
252525

**Achromatomaly**  
2E194C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F038F 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 #3F038F looks like.

```
.text, #text, p{  
    color:#3F038F  
}
```

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 #3F038F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F038F
}
```

## Border

The CSS property to change the border of an element to Hex 3F038F is called "border". The border property can be set on classes, ids or directly on the HTML element.

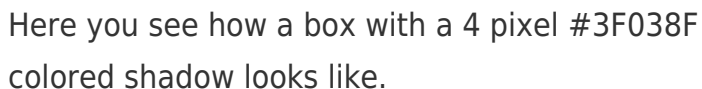
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F038F }
```

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

```
.border{ border-color:#3F038F }
```

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



Here you see how a box with a 4 pixel #3F038F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F038F; -webkit-box-shadow:4px 4px  
4px 4px #3F038F; box-shadow:4px 4px 4px  
4px #3F038F }
```

# Background

The CSS property to change the background color of an element to Hex 3F038F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F038F }
```

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

```
.background{ background-color:#3F038F }
```

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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