

Converting Colors

Hex(39308F)

Have a look what the booklet for
Hex(39308F) contains.

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Color

Hex(39308F)

Conversions

Conversions Part 1

Format	Color
Hex	39308F
RGB	57, 48, 143
RGB Percent	22%, 19%, 56%
CMY	0.7765, 0.8118, 0.4392
CMYK	0.60, 0.66, 0.00, 0.44
HSL	246°, 50%, 37%
HSV	246°, 66%, 56%
XYZ	7.7022, 4.9669, 26.5394
YIQ	61.5210, -25.1310, 31.4530

Conversions

Conversions Part 2

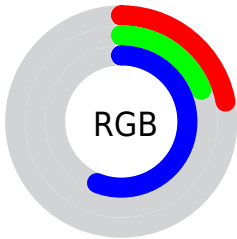
Format	Color
R_{YB}	57, 48, 143
Decimal	3747983
CIE _{Lab}	26.64, 32.57, -51.41
CIE _{LCh}	27, 60.865, 302.357
Yxy	4.9669, 0.1964, 0.1267
Android (android.graphics.Color)	4281938063 (0xFF39308F)
YUV	61.5210, 40.1691, -3.9649
Hunter-Lab	22.2866, 22.6878, -55.0031

Details

The Hex color **39308F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **868F30**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **715FC6**, and **00065C** is the 20% darker color. If you saturate the color by 10%, you get **2C228F**, and if you desaturate by 10%, it is **463E8F**.

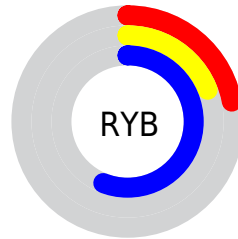
Distribution



Red (22%)

Green (19%)

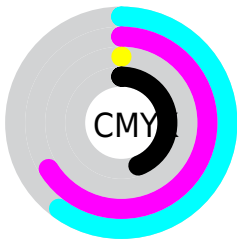
Blue (56%)



Red (22%)

Yellow (19%)

Blue (56%)

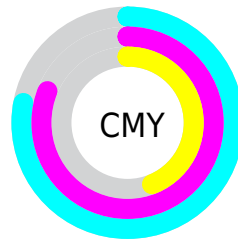


Cyan (60%)

Magenta (66%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (81%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39308F 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 39308F by changing the saturation by 10% instead.

■ 39308F

■ 39308F

FFFFFF

■ 181A75

■ 715FC6

■ 00065C

■ 8D78E2

■ 000043

■ A992FF

■ 00032C

■ C6ACFF

■ 000116

■ E3C8FF

■ 000000

■ FFE4FF

■ 39308F

■ 39308F

■ 2C228F

■ 463E8F

■ 1F138F

■ 534D8F

■ 12058F

■ 605B8F

■ 0E008F

■ 6D698F

■ 7A788F

■ 87868F

■ 94948F

■ A1A28F

■ AEB18F

Harmonies

Analogous

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



00459E



39308F



77016B

Triad

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



39308F



6F2A00



005142

Complementary

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



39308F



868F30

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.



004F0D



39308F



4B3F00

Square

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



39308F



860010



184A00



005170

Rectangle

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



39308F



88004D



184A00



005031

Sweetspot

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



39308F



9895BA



30878F



4A485E



DEDEDE



5E5E5E

Same Dimension

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



39308F



3325BA



67308F



414047



0D0087



010008

Inverse Universe

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



8F3086



BA25AC



588F30



474047



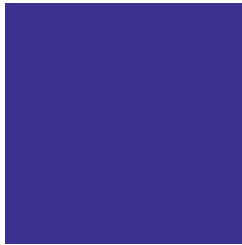
87007A



080007

Previews

White Background



This preview shows how the Hex color 39308F looks on a white background.

Color Contrast Check

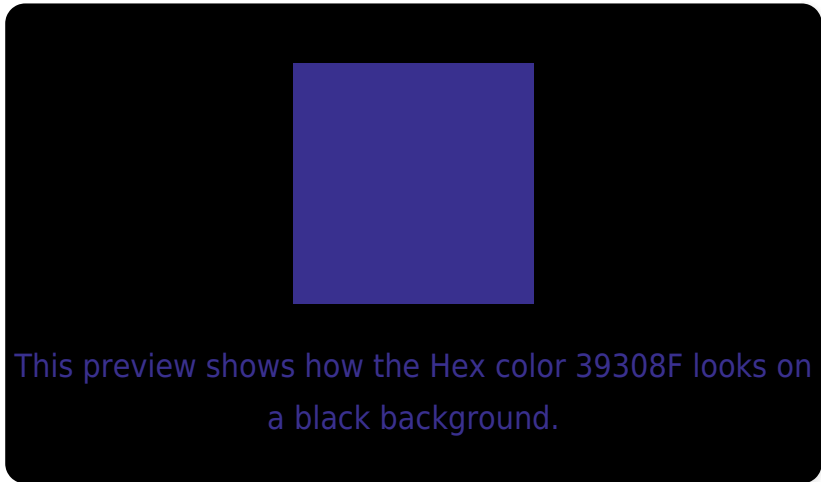
Large Text (above 18pt) WCAG AA ✓ Pass

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

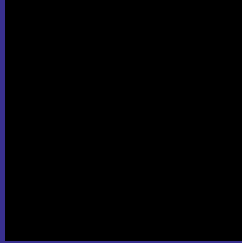
Any Text WCAG AA × Fail

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 39308F Background



This preview shows how black text looks on a background with the Hex color 39308F.



This preview shows how white text looks on a background with the Hex color 39308F.

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
39308F

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
19454B

Trichromacy



Original Color
39308F

Protanomaly
153886

Deuteranomaly
153B7B

Tritanomaly
253D64

Monochromacy



Original Color
39308F

Achromatopsia
3E3E3E

Achromatomaly
3C395B

CSS Examples

Text

The CSS property to change the color of the text to Hex 39308F 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 #39308F looks like.

```
.text, #text, p{  
    color:#39308F  
}
```

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 #39308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39308F
}
```

Border

The CSS property to change the border of an element to Hex 39308F is called "border". The border property can be set on classes, ids or directly on the HTML element.

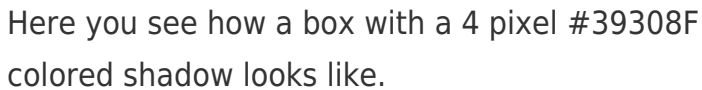
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39308F }
```

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

```
.border{ border-color:#39308F }
```

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



Here you see how a box with a 4 pixel `#39308F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39308F; -webkit-box-shadow:4px 4px  
4px 4px #39308F; box-shadow:4px 4px 4px  
4px #39308F }
```

Background

The CSS property to change the background color of an element to Hex 39308F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39308F }
```

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

```
.background{ background-color:#39308F }
```

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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