

# Converting Colors

Hex(39236F)

Have a look what the booklet for  
Hex(39236F) contains.

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# Color

**Hex(39236F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39236F
RGB	57, 35, 111
RGB Percent	22%, 14%, 44%
CMY	0.7765, 0.8627, 0.5647
CMYK	0.49, 0.68, 0.00, 0.56
HSL	257°, 52%, 29%
HSV	257°, 68%, 44%
XYZ	5.1576, 3.2196, 15.3885
YIQ	50.2420, -11.2840, 28.3000

# Conversions

## Conversions Part 2

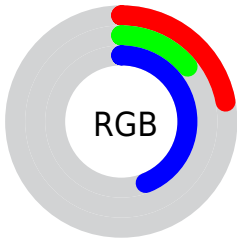
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 35, 111
Decimal	3744623
CIE <sub>Lab</sub>	20.90, 30.23, -40.55
CIE <sub>LCh</sub>	21, 50.581, 306.704
Yxy	3.2196, 0.2170, 0.1355
Android (android.graphics.Color)	4281934703 (0xFF39236F)
YUV	50.2420, 29.9537, 5.9268
Hunter-Lab	17.9433, 19.9072, -38.2880

# Details

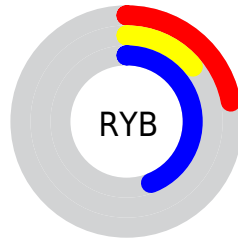
The Hex color **39236F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **596F23**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6D51A3**, and **08003F** is the 20% darker color. If you saturate the color by 10%, you get **31186F**, and if you desaturate by 10%, it is **412E6F**.

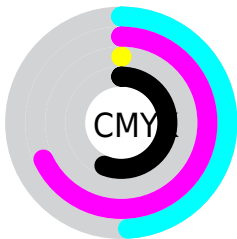
# Distribution



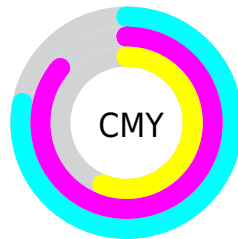
- Red (22%)
- Green (14%)
- Blue (44%)



- Red (22%)
- Yellow (14%)
- Blue (44%)



- Cyan (49%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (78%)
- Magenta (86%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39236F 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 39236F by changing the saturation by 10% instead.



■ 39236F

■ 39236F

FFFFFF

■ 1E0D56

■ 6D51A3

■ 08003F

■ 886ABF

■ 000328

■ A383DB

■ 000111

■ BF9DF8

■ 000000

■ DBB8FF

■ F8D4FF

■ FFF1FF

■ 39236F

■ 39236F

■ 31186F

■ 412E6F

■ 290D6F

■ 49396F

■ 21026F

■ 51446F

■ 20006F

■ 594F6F

■ 605B6F

■ 68666F

■ 70716F

■ 787C6F

■ 80876F

# Harmonies

## Analogous

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



00357E



39236F



630051

# Triad

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



39236F



562500



00413A

# Complementary

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



39236F



596F23

# 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.



003F12



39236F



383400

# Square

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



39236F



6A0604



0B3C00



00415E

# Rectangle

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



39236F



6E0038



0B3C00



00412D



# Sweetspot

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



39236F



7C7391



23596F



3D374A



C9C9C9



4A4A4A



# Same Dimension

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



39236F



3D1A91



5F236F



343238



230078



4800F7



# Inverse Universe

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



6F2359



911A6F



336F23



383236



780055

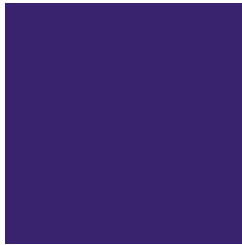


F700B0



# Previews

## White Background



This preview shows how the Hex color 39236F looks on a white background.

## Color Contrast Check

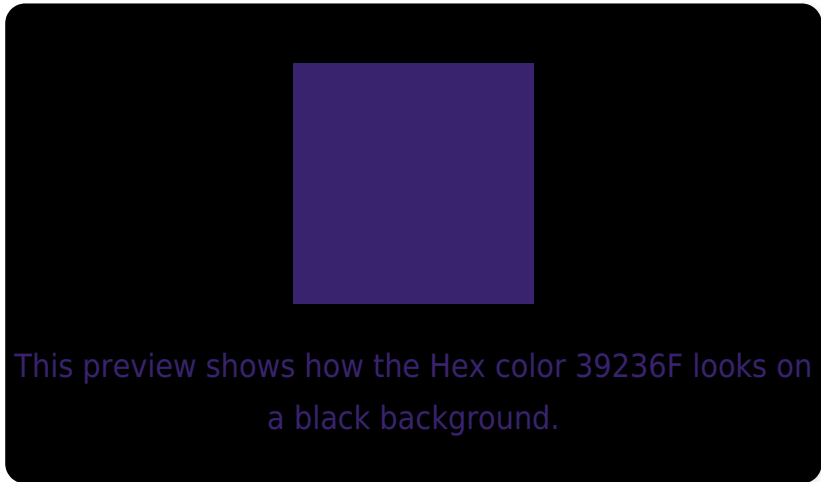
Large Text (above 18pt) WCAG AA ✓ Pass

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

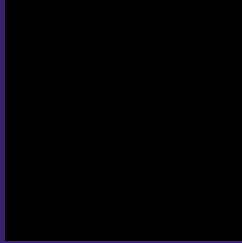
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39236F Background



This preview shows how black text looks on a background with the Hex color 39236F.



This preview shows how white text looks on a background with the Hex color 39236F.

# 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**  
39236F

**Protanopia**  
003168

**Deuteranopia**  
003459



**Tritanopia**  
2A3539

# Trichromacy



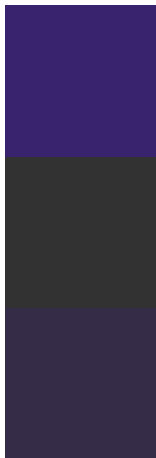
**Original Color**  
39236F

**Protanomaly**  
152C6B

**Deuteranomaly**  
152E61

**Tritanomaly**  
2F2E4D

# Monochromacy



**Original Color**  
39236F

**Achromatopsia**  
323232

**Achromatomaly**  
352D48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39236F 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 #39236F looks like.

```
.text, #text, p{  
    color:#39236F  
}
```

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 #39236F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39236F
}
```

## Border

The CSS property to change the border of an element to Hex 39236F is called "border". The border property can be set on classes, ids or directly on the HTML element.

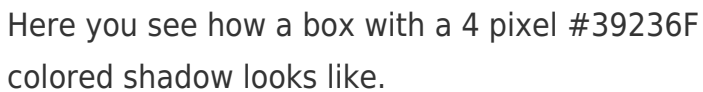
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39236F }
```

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

```
.border{ border-color:#39236F }
```

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



Here you see how a box with a 4 pixel #39236F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39236F; -webkit-box-shadow:4px 4px  
4px 4px #39236F; box-shadow:4px 4px 4px  
4px #39236F }
```

# Background

The CSS property to change the background color of an element to Hex 39236F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39236F }
```

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

```
.background{ background-color:#39236F }
```

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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