

# Converting Colors

Hex(39234B)

Have a look what the booklet for  
Hex(39234B) contains.

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# Color

**Hex(39234B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39234B
RGB	57, 35, 75
RGB Percent	22%, 14%, 29%
CMY	0.7765, 0.8627, 0.7059
CMYK	0.24, 0.53, 0.00, 0.71
HSL	273°, 36%, 22%
HSV	273°, 53%, 29%
XYZ	3.5584, 2.5799, 6.9670
YIQ	46.1380, 0.2720, 17.1040

# Conversions

## Conversions Part 2

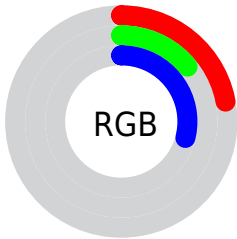
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 35, 75
Decimal	3744587
CIELab	18.28, 19.52, -20.90
CIElCh	18, 28.598, 313.053
Yxy	2.5799, 0.2715, 0.1969
Android (android.graphics.Color)	4281934667 (0xFF39234B)
YUV	46.1380, 14.2290, 9.5260
Hunter-Lab	16.0621, 11.4358, -14.4739

# Details

The Hex color **39234B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **354B23**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **69507C**, and **0A001F** is the 20% darker color. If you saturate the color by 10%, you get **361C4B**, and if you desaturate by 10%, it is **3C2B4B**.

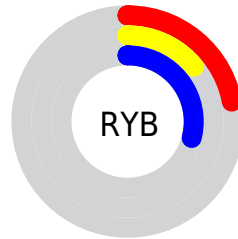
# Distribution



Red (22%)

Green (14%)

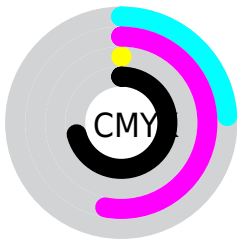
Blue (29%)



Red (22%)

Yellow (14%)

Blue (29%)

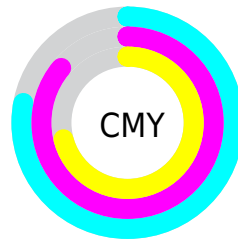


Cyan (24%)

Magenta (53%)

Yellow (0%)

Black (71%)



Cyan (78%)

Magenta (86%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39234B 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 39234B by changing the saturation by 10% instead.





39234B



39234B

FFFFFF



220E34



69507C



0A001F



836996



000002



9D82B1



000000



B89CCC



D4B7E9



F1D3FF



FFEEFF



39234B



39234B

■ 361C4B

■ 3C2B4B

■ 32144B

■ 40324B

■ 2F0C4B

■ 433A4B

■ 2B054B

■ 47414B

■ 29004B

■ 4A494B

■ 4D504B

■ 51574B

■ 545F4B

■ 57674B

# Harmonies

## Analogous

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



122C55



39234B



4C1A39

# Triad

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



39234B



412700



003635

# Complementary

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



39234B



354B23

# 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.



003620



39234B



2F2E00

# Square

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



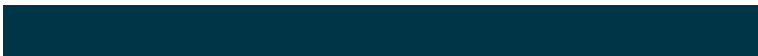
39234B



4D1F11



17330B



003548

# Rectangle

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



39234B



51182B



17330B



00362E



# Sweetspot

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



39234B



5A5161



23354B



2C2730



B0B0B0



303030



# Same Dimension

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



39234B



452361



4B2349



252226



380066



7E00E6



# Inverse Universe

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



4B2335



61233F



234B25



262224



66002E



E60067



# Previews

## White Background



This preview shows how the Hex color 39234B looks on a white background.

## Color Contrast Check

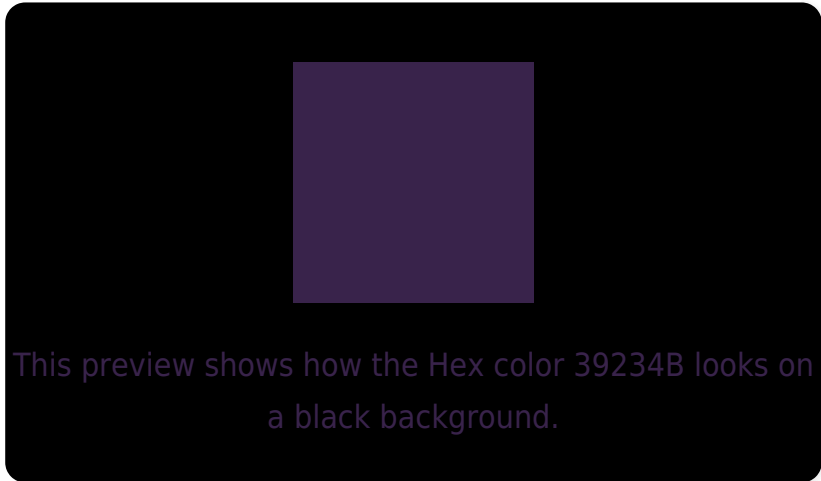
Large Text (above 18pt) WCAG AA ✓ Pass

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

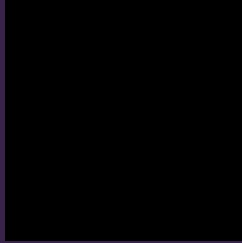
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39234B Background



This preview shows how black text looks on a background with the Hex color 39234B.



This preview shows how white text looks on a background with the Hex color 39234B.

# 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**  
39234B

**Protanopia**  
182C53

**Deuteranopia**  
1C2D49



**Tritanopia**  
342A2E

# Trichromacy



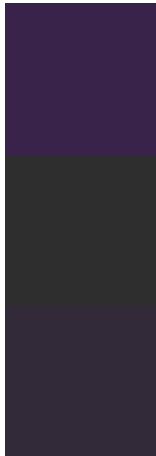
**Original Color**  
39234B

**Protanomaly**  
242950

**Deuteranomaly**  
27294A

**Tritanomaly**  
362739

# Monochromacy



**Original Color**  
39234B

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
322A39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39234B 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 #39234B looks like.

```
.text, #text, p{  
    color:#39234B  
}
```

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 #39234B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39234B
}
```

## Border

The CSS property to change the border of an element to Hex 39234B 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
#39234B }
```

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

```
.border{ border-color:#39234B }
```

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

Here you see how a box with a 4 pixel #39234B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39234B; -webkit-box-shadow:4px 4px  
4px 4px #39234B; box-shadow:4px 4px 4px  
4px #39234B }
```

# Background

The CSS property to change the background color of an element to Hex 39234B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39234B }
```

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

```
.background{ background-color:#39234B }
```

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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