

Converting Colors

Hex(39123B)

Have a look what the booklet for
Hex(39123B) contains.

Hex(39123B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39123B)

Conversions

Conversions Part 1

Format	Color
Hex	39123B
RGB	57, 18, 59
RGB Percent	22%, 7%, 23%
CMY	0.7765, 0.9294, 0.7686
CMYK	0.03, 0.69, 0.00, 0.77
HSL	297°, 53%, 15%
HSV	297°, 69%, 23%
XYZ	2.6931, 1.6182, 4.3081
YIQ	34.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

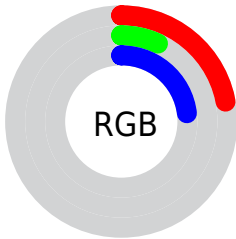
Format	Color
RYB	57, 18, 59
Decimal	3740219
CIELab	13.34, 25.96, -17.56
CIELCh	13, 31.345, 325.922
Yxy	1.6182, 0.3124, 0.1877
Android (android.graphics.Color)	4281930299 (0xFF39123B)
YUV	34.3350, 12.1598, 19.8772
Hunter-Lab	12.7210, 15.5272, -11.1744

Details

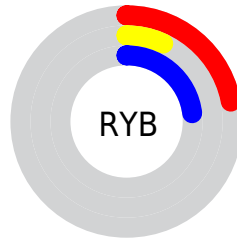
The Hex color **39123B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **143B12**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6A3F6B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **390C3B**, and if you desaturate by 10%, it is **39183B**.

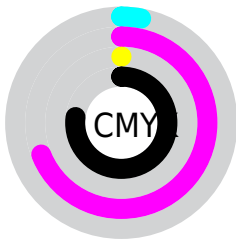
Distribution



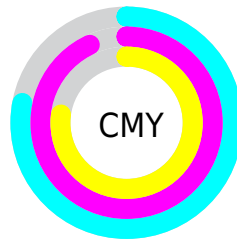
- Red (22%)
- Green (7%)
- Blue (23%)



- Red (22%)
- Yellow (7%)
- Blue (23%)



- Cyan (3%)
- Magenta (69%)
- Yellow (0%)
- Black (77%)



- Cyan (78%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39123B 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 39123B by changing the saturation by 10% instead.

 39123B

 39123B

 FFF9FF

 240025

 6A3F6B

 00010E

 835784

 000000

 9E709E

 B98AB9

 D5A5D5

 F2C0F1

 FFDCFF

 39123B

 39123B

■ 390C3B

■ 39183B

■ 38063B

■ 3A1E3B

■ 38003B

■ 3A243B

■ 3A2A3B

■ 3A2F3B

■ 3B353B

■ 3B3B3B

■ 3B413B

■ 3C473B

Harmonies

Analogous

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



191E4A



39123B



460726

Triad

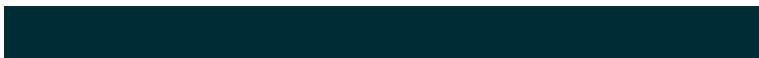
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39123B



2E2000



002C35

Complementary

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



39123B



143B12

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.



002C1E



39123B



1A2600

Square

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



39123B



3E1700



002A04



002A46

Rectangle

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



39123B



480818



002A04



002C2E

Sweetspot

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



39123B



4C3C4D



12143B



261D26



A6A6A6



262626

Same Dimension

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



39123B



490D4D



3B1229



1E1C1F



5A005E



D300DE

Inverse Universe

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



3B1214



4D0D10



123B24



1F1C1C



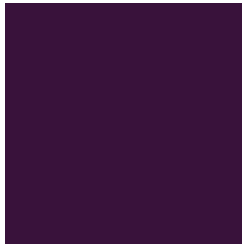
5E0005



DE000B

Previews

White Background



This preview shows how the Hex color 39123B looks on a white background.

Color Contrast Check

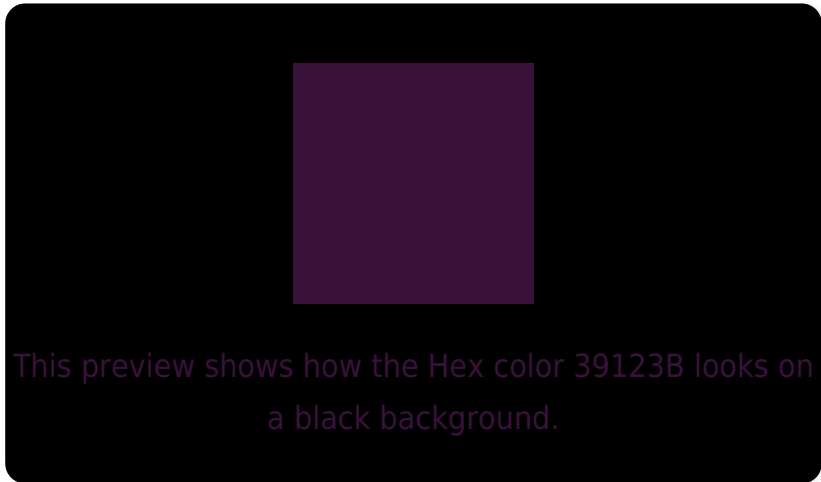
Large Text (above 18pt) WCAG AA ✓ Pass

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

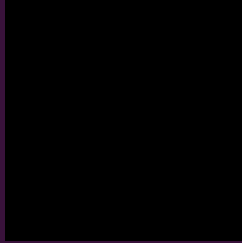
Any Text WCAG AA × Fail

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 39123B Background



This preview shows how black text looks on a background with the Hex color 39123B.



This preview shows how white text looks on a background with the Hex color 39123B.

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
39123B

Protanopia
002249

Deuteranopia
182438



Tritanopia
361C1E

Trichromacy



Original Color
39123B

Protanomaly
151C44

Deuteranomaly
241D39

Tritanomaly
371829

Monochromacy



Original Color
39123B

Achromatopsia
222222

Achromatomaly
2A1C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 39123B 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 #39123B looks like.

```
.text, #text, p{  
    color:#39123B  
}
```

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 #39123B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39123B
}
```

Border

The CSS property to change the border of an element to Hex 39123B is called "border". The border property can be set on classes, ids or directly on the HTML element.

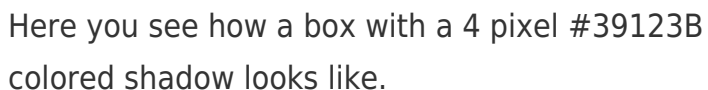
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39123B }
```

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

```
.border{ border-color:#39123B }
```

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



Here you see how a box with a 4 pixel #39123B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39123B; -webkit-box-shadow:4px 4px  
4px 4px #39123B; box-shadow:4px 4px 4px  
4px #39123B }
```

Background

The CSS property to change the background color of an element to Hex 39123B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39123B }
```

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

```
.background{ background-color:#39123B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor