

# Converting Colors

Hex(39123D)

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

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# Color

**Hex(39123D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39123D
RGB	57, 18, 61
RGB Percent	22%, 7%, 24%
CMY	0.7765, 0.9294, 0.7608
CMYK	0.07, 0.70, 0.00, 0.76
HSL	294°, 54%, 15%
HSV	294°, 70%, 24%
XYZ	2.7460, 1.6394, 4.5866
YIQ	34.5630, 9.4410, 21.6410

# Conversions

## Conversions Part 2

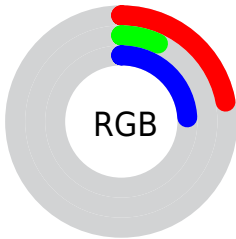
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 18, 61
Decimal	3740221
CIELab	13.47, 26.40, -18.78
CIELCh	13, 32.403, 324.575
Yxy	1.6394, 0.3061, 0.1827
Android (android.graphics.Color)	4281930301 (0xFF39123D)
YUV	34.5630, 13.0334, 19.6772
Hunter-Lab	12.8039, 15.8748, -12.2761

# Details

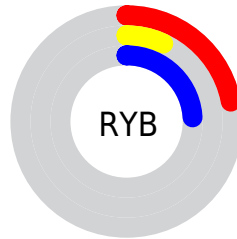
The Hex color **39123D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **163D12**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6A3F6D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **380C3D**, and if you desaturate by 10%, it is **3A183D**.

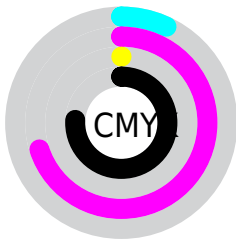
# Distribution



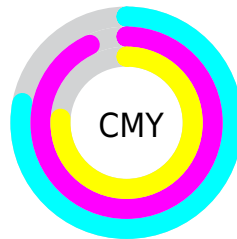
- Red (22%)
- Green (7%)
- Blue (24%)



- Red (22%)
- Yellow (7%)
- Blue (24%)



- Cyan (7%)
- Magenta (70%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (93%)
- Yellow (76%)

# Brightness & Saturation Gradients

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



 39123D

 39123D

 FFF9FF

 240027

 6A3F6D

 000111

 835786

 000000

 9E70A0

 B98ABB

 D5A5D7

 F2C0F4

 FFDCFF

 39123D

 39123D

■ 380C3D

■ 3A183D

■ 38063D

■ 3A1E3D

■ 37003D

■ 3B243D

■ 3B2A3D

■ 3C313D

■ 3C373D

■ 3D3D3D

■ 3E433D

■ 3E493D

# Harmonies

## Analogous

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



161E4C



39123D



470628

# Triad

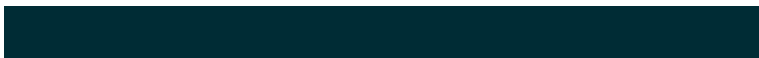
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39123D



302000



002C35

# Complementary

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



39123D



163D12

# 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



39123D



1B2700

# Square

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



39123D



401600



002A01



002B47

# Rectangle

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



39123D



490619



002A01



002C2D



# Sweetspot

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



39123D



4E3E4F



12163D



281F29



A8A8A8



292929



# Same Dimension

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



39123D



490C4F



3D122C



1E1C1F



56005E



C900DE



# Inverse Universe

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



3D1216



4F0C12



123D23



1F1C1C



5E0009



DE0015



# Previews

## White Background



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

## Color Contrast Check

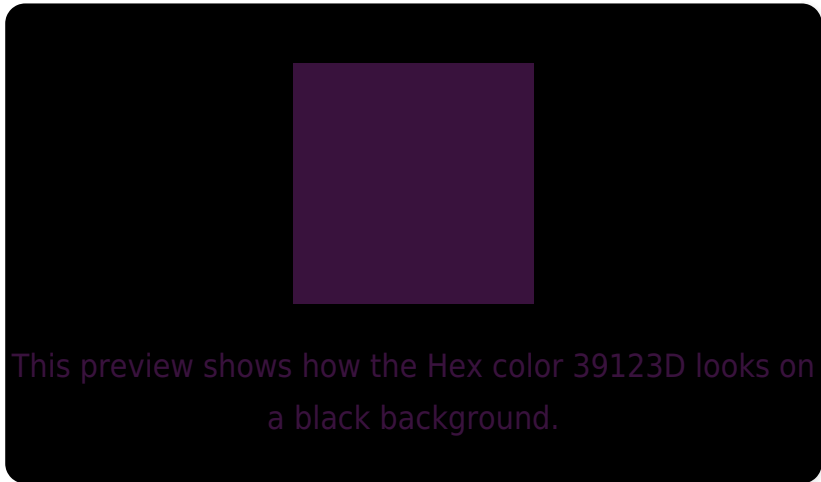
Large Text (above 18pt) WCAG AA ✓ Pass

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

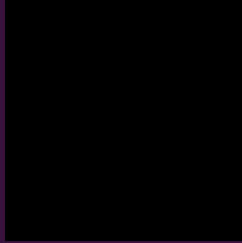
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39123D Background



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



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

# 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**  
39123D

**Protanopia**  
00234A

**Deuteranopia**  
17243A



**Tritanopia**  
351C1E

# Trichromacy



**Original Color**  
39123D

**Protanomaly**  
151D45

**Deuteranomaly**  
231D3B

**Tritanomaly**  
361829

# Monochromacy



**Original Color**  
39123D

**Achromatopsia**  
232323

**Achromatomaly**  
2B1D2C

# CSS Examples

## Text

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

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

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 #39123D colored shadow looks like.

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

## Border

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

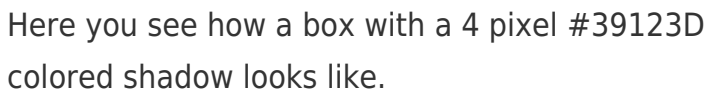
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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