

# Converting Colors

Hex(39843A)

Have a look what the booklet for  
Hex(39843A) contains.

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# Color

**Hex(39843A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39843A
RGB	57, 132, 58
RGB Percent	22%, 52%, 23%
CMY	0.7765, 0.4824, 0.7725
CMYK	0.57, 0.00, 0.56, 0.48
HSL	121°, 40%, 37%
HSV	121°, 57%, 52%
XYZ	10.7023, 17.6779, 6.8511
YIQ	101.1390, -20.9460, -38.9140

# Conversions

## Conversions Part 2

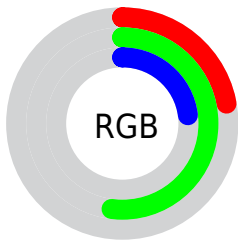
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 131, 132
Decimal	3769402
CIELab	49.10, -39.17, 32.70
CIELCh	49, 51.026, 140.147
Yxy	17.6779, 0.3038, 0.5018
Android (android.graphics.Color)	4281959482 (0xFF39843A)
YUV	101.1390, -21.2675, -38.7099
Hunter-Lab	42.0451, -28.1427, 19.7705




# Details

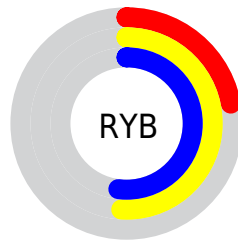
The Hex color **39843A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **843983**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **6FBA6B**, and **005109** is the 20% darker color. If you saturate the color by 10%, you get **2C842D**, and if you desaturate by 10%, it is **468447**.

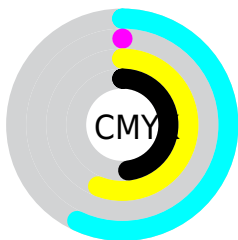
# Distribution







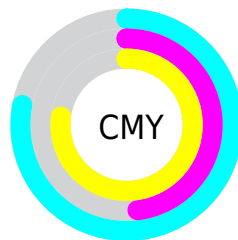
-  Red (22%)
-  Green (52%)
-  Blue (23%)






-  Red (22%)
-  Yellow (51%)
-  Blue (52%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (56%)
-  Black (48%)



-  Cyan (78%)
-  Magenta (48%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39843A 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 39843A by changing the saturation by 10% instead.





39843A



39843A

FFFFFF



1B6A22



6FBA6B



005109



8AD685



003900



A6F2A0



002600



C2FFBB



000000



DFFFD7



FCFFF4



39843A



39843A



2C842D



468447

■ 1F8420

■ 538454

■ 118413

■ 618461

■ 048406

■ 6E846E

■ 008402

■ 7B847B

■ 888488

■ 958495

■ A384A2

■ B084AF

# Harmonies

## Analogous

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



6F7B19



39843A



008864

# Triad

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



39843A



007ECA



C34D59

# Complementary

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



39843A



843983

# 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.



BC4D85



39843A



5A6FC6

# Square

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



39843A



0086B6



9B5CAD



B55C33

# Rectangle

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



39843A



008983



9B5CAD



C34B68



# Sweetspot

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



39843A



8EAB8E



848439



455746



D6D6D6



575757



# Same Dimension

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



39843A



37AB38



39845F



3C423C



008202



000300



# Inverse Universe

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



843983



AB37A9



84395F



423C42



820080



030003



# Previews

## White Background



This preview shows how the Hex color 39843A looks on a white background.

## Color Contrast Check

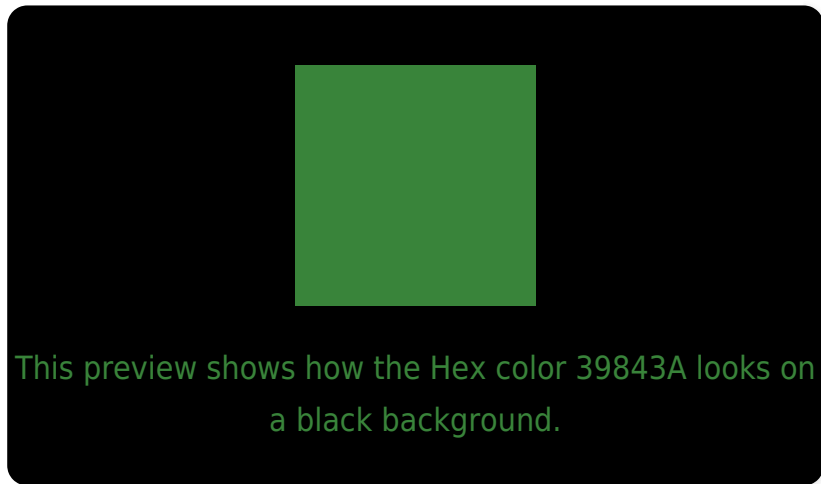
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 39843A Background



This preview shows how black text looks on a background with the Hex color 39843A.



This preview shows how white text looks on a background with the Hex color 39843A.

# 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**  
39843A

**Protanopia**  
817435

**Deuteranopia**  
8E6F40



**Tritanopia**  
4B7C86

# Trichromacy



**Original Color**  
39843A



**Protanomaly**  
677A37



**Deuteranomaly**  
6F773E



**Tritanomaly**  
447F6A

# Monochromacy



**Original Color**  
39843A



**Achromatopsia**  
656565



**Achromatomaly**  
557055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39843A 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 #39843A looks like.

```
.text, #text, p{  
    color:#39843A  
}
```

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 #39843A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39843A
}
```

## Border

The CSS property to change the border of an element to Hex 39843A 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
#39843A }
```

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

```
.border{ border-color:#39843A }
```

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

Here you see how a box with a 4 pixel #39843A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39843A; -webkit-box-shadow:4px 4px  
4px 4px #39843A; box-shadow:4px 4px 4px  
4px #39843A }
```

# Background

The CSS property to change the background color of an element to Hex 39843A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39843A }
```

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

```
.background{ background-color:#39843A }
```

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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