

# Converting Colors

Hex(39395C)

Have a look what the booklet for  
Hex(39395C) contains.

<b>Hex(39395C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(39395C)

# Conversions

## Conversions Part 1

Format	Color
Hex	39395C
RGB	57, 57, 92
RGB Percent	22%, 22%, 36%
CMY	0.7765, 0.7765, 0.6392
CMYK	0.38, 0.38, 0.00, 0.64
HSL	240°, 23%, 29%
HSV	240°, 38%, 36%
XYZ	5.0822, 4.5688, 10.7392
YIQ	60.9900, -11.2350, 10.8850

# Conversions

## Conversions Part 2

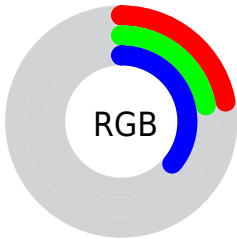
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 57, 92
Decimal	3750236
CIE Lab	25.47, 9.62, -20.91
CIE LCh	25, 23.015, 294.713
Yxy	4.5688, 0.2492, 0.2241
Android (android.graphics.Color)	4281940316 (0xFF39395C)
YUV	60.9900, 15.2879, -3.4992
Hunter-Lab	21.3748, 5.0357, -14.8264

# Details

The Hex color **39395C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5C39**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6A688E**, and **0C0F2E** is the 20% darker color. If you saturate the color by 10%, you get **30305C**, and if you desaturate by 10%, it is **42425C**.

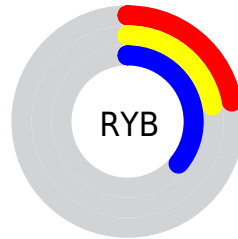
# Distribution



Red (22%)

Green (22%)

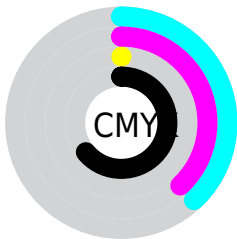
Blue (36%)



Red (22%)

Yellow (22%)

Blue (36%)

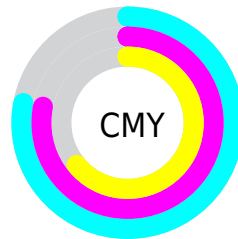


Cyan (38%)

Magenta (38%)

Yellow (0%)

Black (64%)



Cyan (78%)

Magenta (78%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39395C 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 39395C by changing the saturation by 10% instead.





39395C



39395C

FFFFFF



222444



6A688E



0C0F2E



8381A9



000119



9D9BC4



000000



B9B6E0



D5D1FD



F1EEFF



39395C



39395C



30305C



42425C

■ 27275C

■ 4B4B5C

■ 1D1D5C

■ 55555C

■ 14145C

■ 5E5E5C

■ 0B0B5C

■ 67675C

■ 02025C

■ 70705C

■ 00005C

■ 79795C

■ 83835C

■ 8C8C5C

# Harmonies

## Analogous

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



173F5F



39395C



4F3251

# Triad

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



39395C



573420



014539

# Complementary

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



39395C



5C5C39

# 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.



244328



39395C



4A3A19

# Square

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



39395C



5D2F2F



38401C



00454A

# Rectangle

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



39395C



582F46



38401C



104533



# Sweetspot

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



39395C



6B6B78



395C5C



35353D



BDBDBD



3D3D3D



# Same Dimension

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



39395C



414178



4B395C



29292E



00006E



0000ED



# Inverse Universe

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



5C395C



784178



4B5C39



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 39395C looks on a white background.

## Color Contrast Check

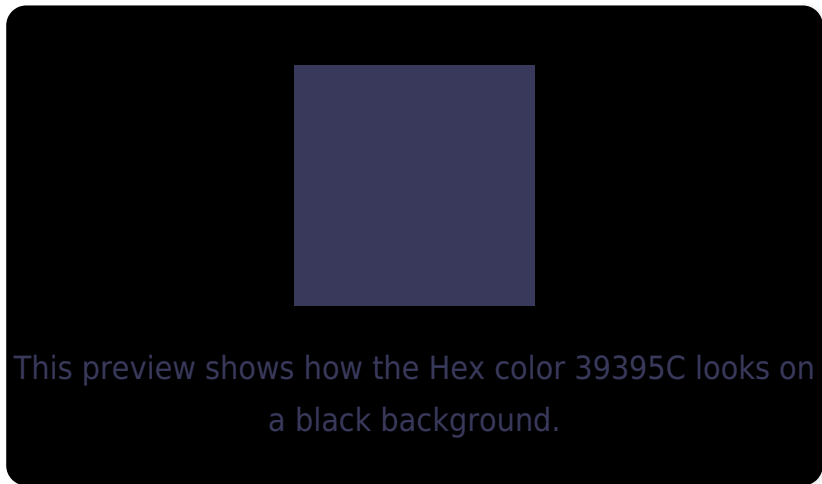
Large Text (above 18pt) WCAG AA ✓ Pass

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

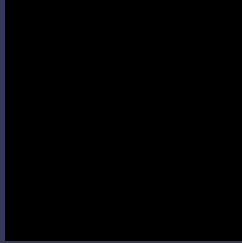
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39395C Background



This preview shows how black text looks on a background with the Hex color 39395C.

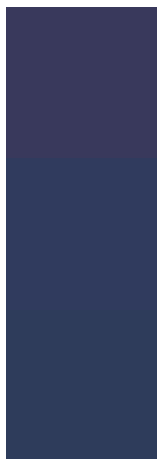


This preview shows how white text looks on a background with the Hex color 39395C.

# 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**  
39395C

**Protanopia**  
303B5E

**Deuteranopia**  
2E3C5B



**Tritanopia**  
333E43

# Trichromacy



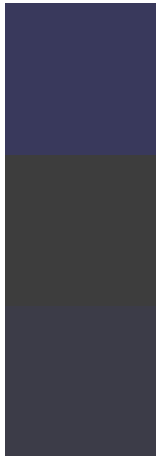
**Original Color**  
39395C

**Protanomaly**  
333A5D

**Deuteranomaly**  
323B5B

**Tritanomaly**  
353C4C

# Monochromacy



**Original Color**  
39395C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3C3C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39395C 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 #39395C looks like.

```
.text, #text, p{  
    color:#39395C  
}
```

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 #39395C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39395C
}
```

## Border

The CSS property to change the border of an element to Hex 39395C is called "border". The border property can be set on classes, ids or directly on the HTML element.

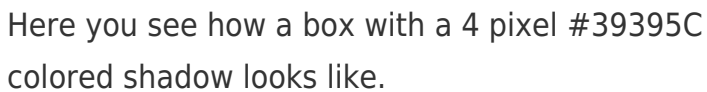
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39395C }
```

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

```
.border{ border-color:#39395C }
```

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



Here you see how a box with a 4 pixel #39395C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39395C; -webkit-box-shadow:4px 4px  
4px 4px #39395C; box-shadow:4px 4px 4px  
4px #39395C }
```

# Background

The CSS property to change the background color of an element to Hex 39395C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39395C }
```

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

```
.background{ background-color:#39395C }
```

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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