

# Converting Colors

Hex(38393C)

Have a look what the booklet for  
Hex(38393C) contains.

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# Color

Hex(38393C)

# Conversions

## Conversions Part 1

Format	Color
Hex	38393C
RGB	56, 57, 60
RGB Percent	22%, 22%, 24%
CMY	0.7804, 0.7765, 0.7647
CMYK	0.07, 0.05, 0.00, 0.76
HSL	225°, 3%, 23%
HSV	225°, 7%, 24%
XYZ	3.9096, 4.0933, 4.8590
YIQ	57.0430, -1.5590, 0.7210

# Conversions

## Conversions Part 2

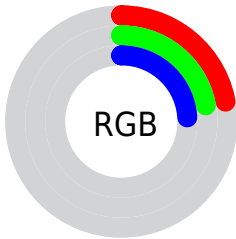
Format	Color
<a href="#">RYB</a>	<a href="#">56, 57, 60</a>
Decimal	<a href="#">3684668</a>
CIELab	<a href="#">23.98, 0.28, -2.01</a>
CIELCh	<a href="#">24, 2.033, 277.964</a>
Yxy	<a href="#">4.0933, 0.3040, 0.3182</a>
Android (android.graphics.Color)	<a href="#">4281874748 (0xFF38393C)</a>
YUV	<a href="#">57.0430, 1.4578, -0.9147</a>
Hunter-Lab	<a href="#">20.2318, -0.9120, -0.0772</a>

# Details

The Hex color **38393C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3B38**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **67686B**, and **0D0E12** is the 20% darker color. If you saturate the color by 10%, you get **32353C**, and if you desaturate by 10%, it is **3E3D3C**.

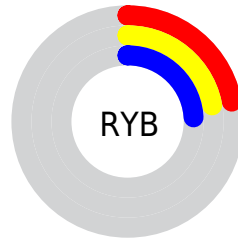
# Distribution



Red (22%)

Green (22%)

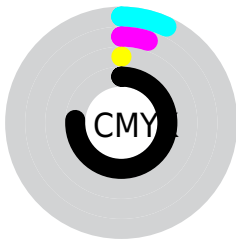
Blue (24%)



Red (22%)

Yellow (22%)

Blue (24%)

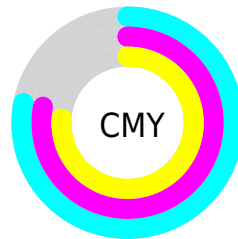


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (76%)



Cyan (78%)

Magenta (78%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38393C 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 38393C by changing the saturation by 10% instead.



■ 38393C

■ 38393C

FFFFFF

■ 232426

■ 67686B

■ 0D0E12

■ 808184

■ 000000

■ 9A9B9F

■ B5B6B9

■ D0D1D5

■ ECEE1

■ 38393C

■ 38393C

■ 32353C

■ 3E3D3C

■ 2C303C

■ 44423C

■ 262C3C

■ 4A463C

■ 20273C

■ 504B3C

■ 1A233C

■ 564F3C

■ 141E3C

■ 5C543C

■ 0E1A3C

■ 62583C

■ 08153C

■ 685D3C

■ 02113C

■ 6E613C

# Harmonies

## Analogous

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



36393C



38393C



3A393B

# Triad

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



38393C



3C3837



373A38

# Complementary

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



38393C



3C3B38

# 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.



383A37



38393C



3B3936

# Square

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



38393C



3C3839



3A3936



363A39

# Rectangle

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



38393C



3B383B



3A3936



373A37



# Sweetspot

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



38393C



4D4E4F



383C3B



282829



A8A8A8



292929



# Same Dimension

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



38393C



494A4F



39383C



1C1C1F



00185E



0037DE



# Inverse Universe

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



3C3839



4F494A



3B3C38



1F1C1C



5E0018



DE0037



# Previews

## White Background



This preview shows how the Hex color 38393C looks on a white background.

## Color Contrast Check

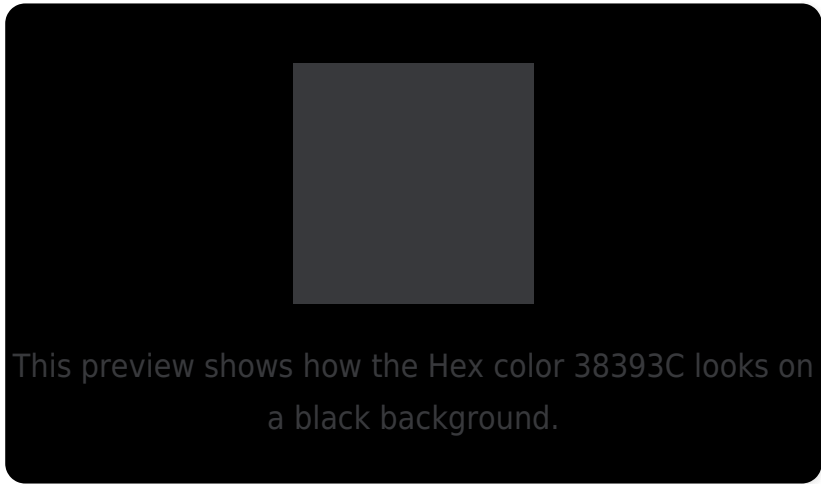
Large Text (above 18pt) WCAG AA ✓ Pass

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

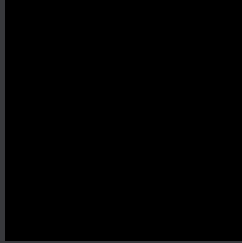
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

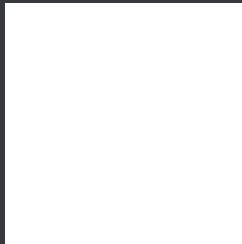
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38393C Background



This preview shows how black text looks on a background with the Hex color 38393C.

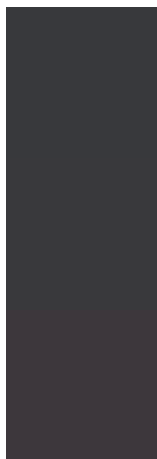


This preview shows how white text looks on a background with the Hex color 38393C.

# 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](#).

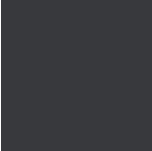
## Dichromacy



**Original Color**  
38393C

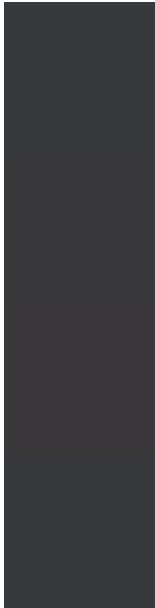
**Protanopia**  
39393C

**Deuteranopia**  
3D373C



**Tritanopia**  
38393D

# Trichromacy



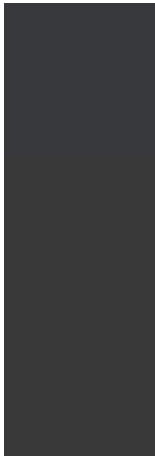
**Original Color**  
38393C

**Protanomaly**  
39393C

**Deuteranomaly**  
3B383C

**Tritanomaly**  
38393D

# Monochromacy



**Original Color**  
38393C

**Achromatopsia**  
393939

**Achromatomaly**  
39393A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38393C 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 #38393C looks like.

```
.text, #text, p{  
    color:#38393C  
}
```

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 #38393C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38393C
}
```

## Border

The CSS property to change the border of an element to Hex 38393C is called "border". The border property can be set on classes, ids or directly on the HTML element.

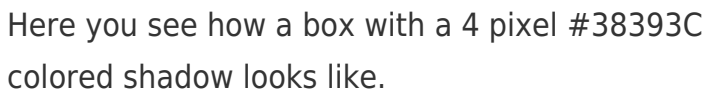
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38393C }
```

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

```
.border{ border-color:#38393C }
```

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



Here you see how a box with a 4 pixel #38393C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38393C; -webkit-box-shadow:4px 4px  
4px 4px #38393C; box-shadow:4px 4px 4px  
4px #38393C }
```

# Background

The CSS property to change the background color of an element to Hex 38393C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38393C }
```

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

```
.background{ background-color:#38393C }
```

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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