

# Converting Colors

Hex(3C383B)

Have a look what the booklet for  
Hex(3C383B) contains.

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# Color

**Hex(3C383B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C383B
RGB	60, 56, 59
RGB Percent	24%, 22%, 23%
CMY	0.7647, 0.7804, 0.7686
CMYK	0.00, 0.07, 0.02, 0.76
HSL	315°, 3%, 23%
HSV	315°, 7%, 24%
XYZ	4.0671, 4.1048, 4.7156
YIQ	57.5380, 1.4210, 1.7810

# Conversions

## Conversions Part 2

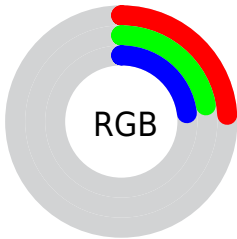
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 56, 59
Decimal	3946555
CIELab	24.01, 2.41, -1.24
CIELCh	24, 2.709, 332.660
Yxy	4.1048, 0.3156, 0.3185
Android (android.graphics.Color)	4282136635 (0xFF3C383B)
YUV	57.5380, 0.7208, 2.1592
Hunter-Lab	20.2602, 0.3769, 0.3823

# Details

The Hex color **3C383B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383C39**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6B676A**, and **120D11** is the 20% darker color. If you saturate the color by 10%, you get **3C323A**, and if you desaturate by 10%, it is **3C3E3C**.

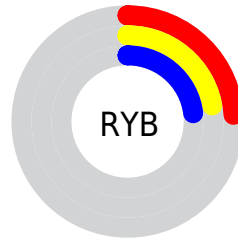
# Distribution



Red (24%)

Green (22%)

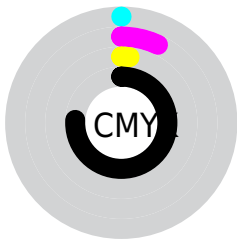
Blue (23%)



Red (24%)

Yellow (22%)

Blue (23%)

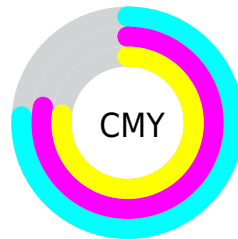


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C383B 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 3C383B by changing the saturation by 10% instead.





3C383B



3C383B

FFFFFF



262325



6B676A



120D11



848083



000000



9F9A9D



B9B5B8



D5D0D4



F2ECF0



3C383B



3C383B



3C323A



3C3E3C

■ 3C2C38

■ 3C443E

■ 3C2637

■ 3C4A3F

■ 3C2035

■ 3C5041

■ 3C1A34

■ 3C5642

■ 3C1432

■ 3C5C44

■ 3C0E31

■ 3C6245

■ 3C082F

■ 3C6847

■ 3C022E

■ 3C6E48

# Harmonies

## Analogous

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



3A393D



3C383B



3D3839

# Triad

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



3C383B



3B3935



343A3B

# Complementary

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



3C383B



383C39

# 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.



353A39



3C383B



383A36

# Square

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



3C383B



3D3836



363A37



353A3D

# Rectangle

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



3C383B



3E3838



363A37



343A3B



# Sweetspot

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



3C383B



4F4D4F



39383C



292829



A8A8A8



292929



# Same Dimension

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



3C383B



4F494D



3C3839



1F1C1E



5E0047



DE00A6



# Inverse Universe

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



3C383B



4F494D



383C3B



1F1C1E



5E0047



DE00A6



# Previews

## White Background



This preview shows how the Hex color 3C383B looks on a white background.

## Color Contrast Check

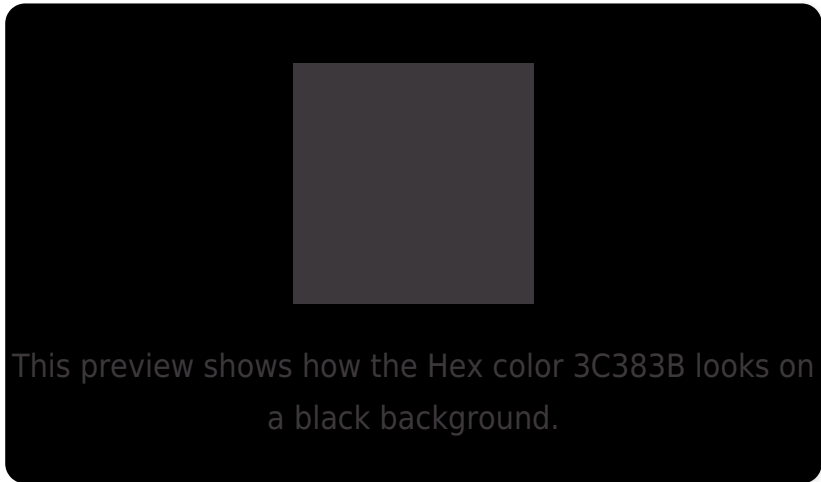
Large Text (above 18pt) WCAG AA ✓ Pass

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

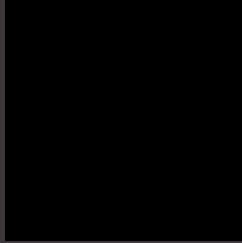
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C383B Background



This preview shows how black text looks on a background with the Hex color 3C383B.

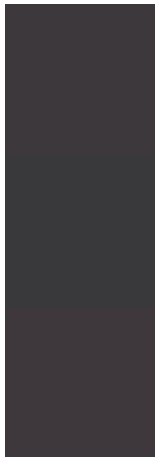


This preview shows how white text looks on a background with the Hex color 3C383B.

# 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**  
3C383B

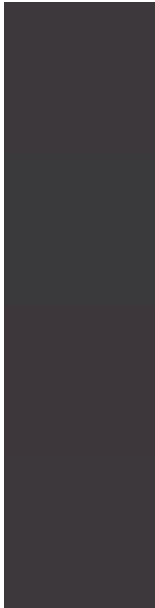
**Protanopia**  
39393B

**Deuteranopia**  
3E373B



**Tritanopia**  
3C383C

# Trichromacy



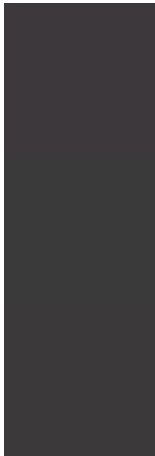
**Original Color**  
3C383B

**Protanomaly**  
3A393B

**Deuteranomaly**  
3D373B

**Tritanomaly**  
3C383C

# Monochromacy



**Original Color**  
3C383B

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3B393A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C383B 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 #3C383B looks like.

```
.text, #text, p{  
    color:#3C383B  
}
```

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 #3C383B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C383B
}
```

## Border

The CSS property to change the border of an element to Hex 3C383B is called "border". The border property can be set on classes, ids or directly on the HTML element.

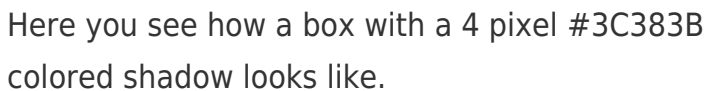
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C383B }
```

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

```
.border{ border-color:#3C383B }
```

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



Here you see how a box with a 4 pixel #3C383B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C383B; -webkit-box-shadow:4px 4px  
4px 4px #3C383B; box-shadow:4px 4px 4px  
4px #3C383B }
```

# Background

The CSS property to change the background color of an element to Hex 3C383B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C383B }
```

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

```
.background{ background-color:#3C383B }
```

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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