

# Converting Colors

Hex(3C3B3B)

Have a look what the booklet for  
Hex(3C3B3B) contains.

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# Color

Hex(3C3B3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C3B3B
RGB	60, 59, 59
RGB Percent	24%, 23%, 23%
CMY	0.7647, 0.7686, 0.7686
CMYK	0.00, 0.02, 0.02, 0.76
HSL	0°, 1%, 23%
HSV	0°, 2%, 24%
XYZ	4.2169, 4.4044, 4.7655
YIQ	59.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 59, 59
Decimal	3947323
CIELab	24.97, 0.43, 0.15
CIElCh	25, 0.455, 18.974
Yxy	4.4044, 0.3150, 0.3290
Android (android.graphics.Color)	4282137403 (0xFF3C3B3B)
YUV	59.2990, -0.1474, 0.6148
Hunter-Lab	20.9866, -0.8602, 1.2272

# Details

The Hex color **3C3B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3C3C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6B6A6A**, and **121111** is the 20% darker color. If you saturate the color by 10%, you get **3C3535**, and if you desaturate by 10%, it is **3C4141**.

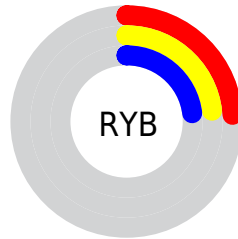
# Distribution



Red (24%)

Green (23%)

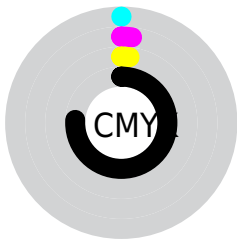
Blue (23%)



Red (24%)

Yellow (23%)

Blue (23%)

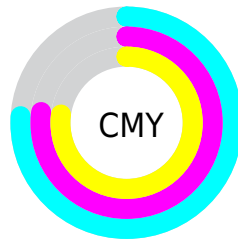


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C3B3B 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 3C3B3B by changing the saturation by 10% instead.





3C3B3B



3C3B3B

FFFFFF



262525



6B6A6A



121111



848383



000000



9F9D9D



B9B8B8



D5D4D4



F1F0F0



3C3B3B



3C3B3B



3C3535



3C4141

■ 3C2F2F

■ 3C4747

■ 3C2929

■ 3C4D4D

■ 3C2323

■ 3C5353

■ 3C1D1D

■ 3C5959

■ 3C1717

■ 3C5F5F

■ 3C1111

■ 3C6565

■ 3C0B0B

■ 3C6B6B

■ 3C0505

■ 3C7171

# Harmonies

# Triad

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



3C3B3B



3B3B3B



3B3B3C

# Complementary

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



3C3B3B



3B3C3C

# 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.



3A3B3C



3C3B3B



3B3B3B

# Square

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



3C3B3B



3B3B3B



3A3B3B



3B3B3C

# Rectangle

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



3C3B3B



3A3B3B



3B3B3C



# Sweetspot

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



3C3B3B



4F4F4F



3C3B3C



292929



A8A8A8

# Same Dimension

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



3C3B3B



4F4D4D



1F1E1E



5E0000



DE0000

# Inverse Universe

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



3B3C3C



4D4F4F



3B3B3C



1E1F1F



005E5E

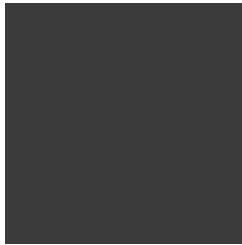


00DEDE



# Previews

## White Background



This preview shows how the Hex color 3C3B3B looks on a white background.

## Color Contrast Check

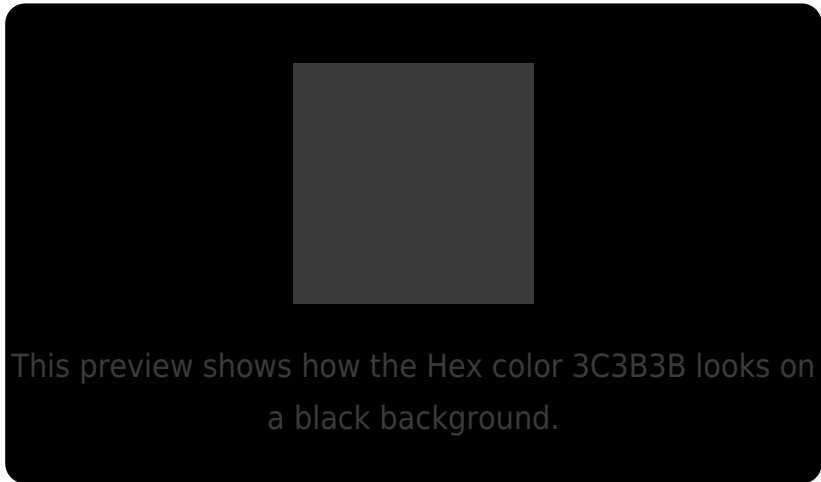
Large Text (above 18pt) WCAG AA ✓ Pass

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

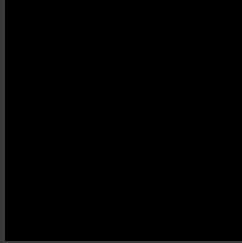
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

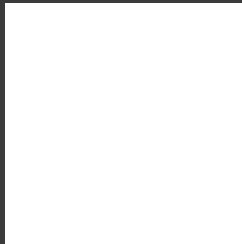
Any Text WCAG AAA × Fail

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

## Hex 3C3B3B Background



This preview shows how black text looks on a background with the Hex color 3C3B3B.

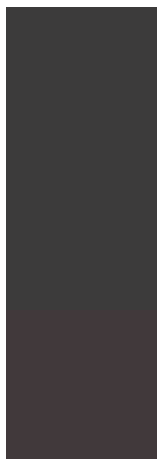


This preview shows how white text looks on a background with the Hex color 3C3B3B.

# 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**  
3C3B3B

**Protanopia**  
3C3B3B

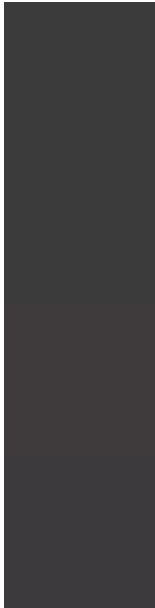
**Deuteranopia**  
41393B





**Tritanopia**  
3D3A3F

# Trichromacy



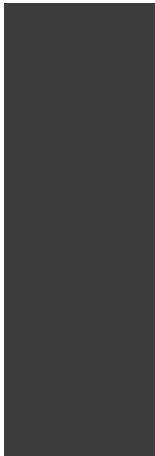
**Original Color**  
3C3B3B

**Protanomaly**  
3C3B3B

**Deuteranomaly**  
3F3A3B

**Tritanomaly**  
3D3A3E

# Monochromacy



**Original Color**  
3C3B3B

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3B3B3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C3B3B 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 #3C3B3B looks like.

```
.text, #text, p{  
    color:#3C3B3B  
}
```

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 #3C3B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3B3B
}
```

## Border

The CSS property to change the border of an element to Hex 3C3B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

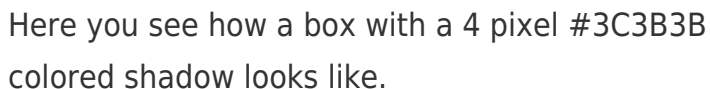
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3B3B }
```

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

```
.border{ border-color:#3C3B3B }
```

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



Here you see how a box with a 4 pixel #3C3B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3B3B; -webkit-box-shadow:4px 4px  
4px 4px #3C3B3B; box-shadow:4px 4px 4px  
4px #3C3B3B }
```

# Background

The CSS property to change the background color of an element to Hex 3C3B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3B3B }
```

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

```
.background{ background-color:#3C3B3B }
```

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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