

Converting Colors

Hex(3C3B3C)

Have a look what the booklet for
Hex(3C3B3C) contains.

Hex(3C3B3C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(3C3B3C)

Conversions

Conversions Part 1

Format	Color
Hex	3C3B3C
RGB	60, 59, 60
RGB Percent	24%, 23%, 24%
CMY	0.7647, 0.7686, 0.7647
CMYK	0.00, 0.02, 0.00, 0.76
HSL	300°, 1%, 23%
HSV	300°, 2%, 24%
XYZ	4.2431, 4.4148, 4.9035
YIQ	59.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	60, 59, 60
Decimal	3947324
CIELab	25.00, 0.66, -0.47
CIELCh	25, 0.807, 324.384
Yxy	4.4148, 0.3129, 0.3255
Android (android.graphics.Color)	4282137404 (0xFF3C3B3C)
YUV	59.4130, 0.2894, 0.5148
Hunter-Lab	21.0115, -0.7239, 0.8715

Details

The Hex color **3C3B3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3C3B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6B6A6B**, and **121112** is the 20% darker color. If you saturate the color by 10%, you get **3C353C**, and if you desaturate by 10%, it is **3C413C**.

Distribution



Red (24%)

Green (23%)

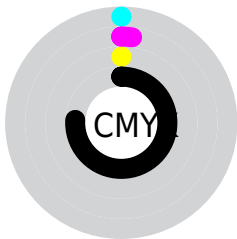
Blue (24%)



Red (24%)

Yellow (23%)

Blue (24%)



Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3B3C 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 3C3B3C by changing the saturation by 10% instead.



3C3B3C



3C3B3C

FFFFFF



262526



6B6A6B



121112



848384



000000



9F9D9F



B9B8B9



D5D4D5



F1F0F1



3C3B3C



3C3B3C



3C353C



3C413C

■ 3C2F3C

■ 3C473C

■ 3C293C

■ 3C4D3C

■ 3C233C

■ 3C533C

■ 3C1D3C

■ 3C593C

■ 3C173C

■ 3C5F3C

■ 3C113C

■ 3C653C

■ 3C0B3C

■ 3C6B3C

■ 3C053C

■ 3C713C

Harmonies

Analogous

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



3B3B3C



3C3B3C



3D3B3B

Triad

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



3C3B3C



3C3B3A



3A3C3C

Complementary

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



3C3B3C



3B3C3B

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.



3A3C3B



3C3B3C



3B3B3A

Square

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



3C3B3C



3C3B3A



3B3C3B



3A3C3C

Rectangle

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



3C3B3C



3D3B3B



3B3C3B



3A3C3C

Sweetspot

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



3C3B3C



4F4F4F



3B3B3C



292929



A8A8A8

Same Dimension

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



3C3B3C



4F4D4F



3C3B3B



1F1E1F



5E005E



DE00DE

Inverse Universe

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



3C3B3C



4F4D4F



3B3C3B



1F1E1F



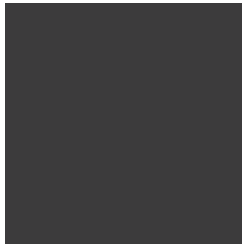
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3C3B3C looks on a white background.

Color Contrast Check

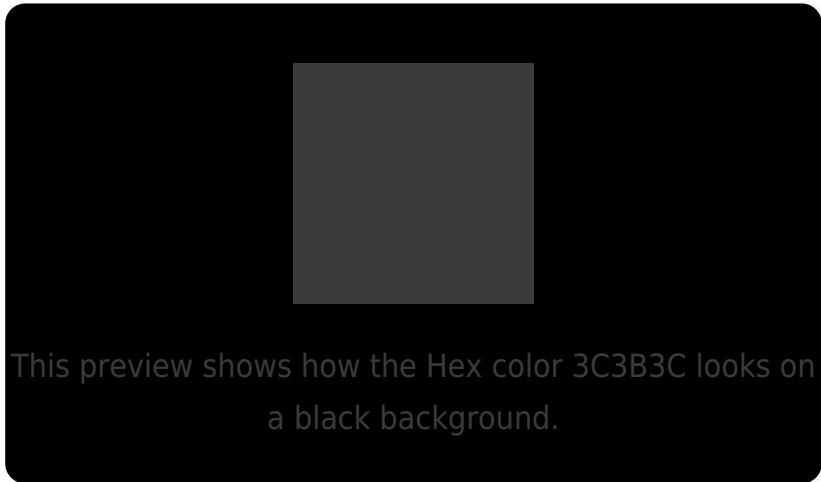
Large Text (above 18pt) WCAG AA ✓ Pass

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

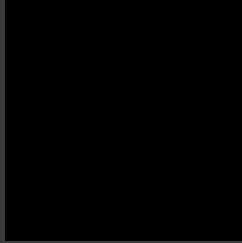
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

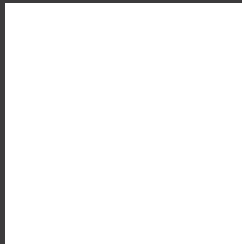
Any Text WCAG AAA × Fail

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

Hex 3C3B3C Background



This preview shows how black text looks on a background with the Hex color 3C3B3C.



This preview shows how white text looks on a background with the Hex color 3C3B3C.

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
3C3B3C

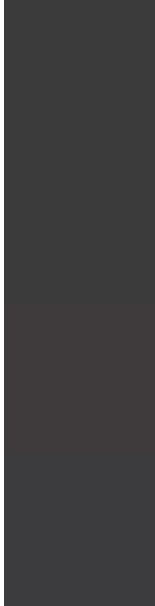
Protanopia
3C3B3C

Deuteranopia
41393C



Tritanopia
3C3B3F

Trichromacy



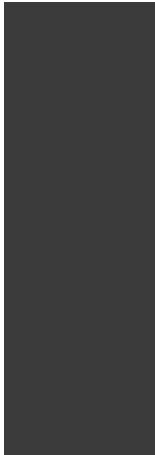
Original Color
3C3B3C

Protanomaly
3C3B3C

Deuteranomaly
3F3A3C

Tritanomaly
3C3B3E

Monochromacy



Original Color
3C3B3C

Achromatopsia
3B3B3B

Achromatomaly
3B3B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3B3C 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 #3C3B3C looks like.

```
.text, #text, p{  
    color:#3C3B3C  
}
```

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 #3C3B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3B3C  
}
```

Border

The CSS property to change the border of an element to Hex 3C3B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

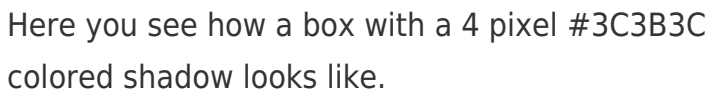
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3C3B3C }
```

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

```
.border{ border-color:#3C3B3C }
```

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



Here you see how a box with a 4 pixel #3C3B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3B3C; -webkit-box-shadow:4px 4px  
4px 4px #3C3B3C; box-shadow:4px 4px 4px  
4px #3C3B3C }
```

Background

The CSS property to change the background color of an element to Hex 3C3B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3B3C }
```

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

```
.background{ background-color:#3C3B3C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor