

Converting Colors

Hex(3B313C)

Have a look what the booklet for
Hex(3B313C) contains.

Hex(3B313C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B313C)

Conversions

Conversions Part 1

Format	Color
Hex	3B313C
RGB	59, 49, 60
RGB Percent	23%, 19%, 24%
CMY	0.7686, 0.8078, 0.7647
CMYK	0.02, 0.18, 0.00, 0.76
HSL	295°, 10%, 21%
HSV	295°, 18%, 24%
XYZ	3.7176, 3.4527, 4.7455
YIQ	53.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

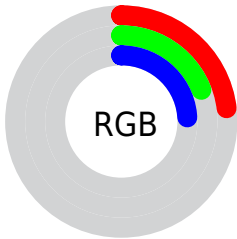
Format	Color
R_{YB}	59, 49, 60
Decimal	3879228
CIE Lab	21.77, 6.91, -5.26
CIE LCh	22, 8.684, 322.735
Yxy	3.4527, 0.3120, 0.2898
Android (android.graphics.Color)	4282069308 (0xFF3B313C)
YUV	53.2440, 3.3307, 5.0480
Hunter-Lab	18.5814, 3.1949, -2.1350

Details

The Hex color **3B313C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323C31**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6A5F6B**, and **110212** is the 20% darker color. If you saturate the color by 10%, you get **3A2B3C**, and if you desaturate by 10%, it is **3C373C**.

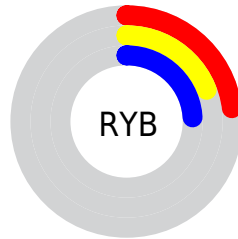
Distribution



 Red (23%)

 Green (19%)

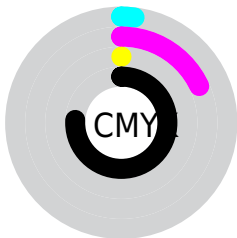
 Blue (24%)



 Red (23%)

 Yellow (19%)

 Blue (24%)

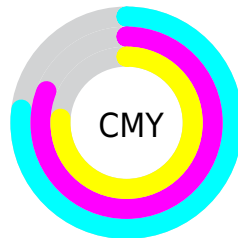


 Cyan (2%)

 Magenta (18%)

 Yellow (0%)

 Black (76%)



 Cyan (77%)

 Magenta (81%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B313C 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 3B313C by changing the saturation by 10% instead.



3B313C



3B313C

FFFFFF



251C26



6A5F6B



110212



837884



000000



9E929F



B9ACBA



D4C7D5



F1E3F2



3B313C



3B313C



3A2B3C



3C373C

■ 3A253C

■ 3C3D3C

■ 391F3C

■ 3D433C

■ 39193C

■ 3D493C

■ 38133C

■ 3E4F3C

■ 380D3C

■ 3E553C

■ 37073C

■ 3F5B3C

■ 37013C

■ 3F613C

■ 37003C

■ 40673C

Harmonies

Analogous

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



333340



3B313C



403036

Triad

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



3B313C



3B3328



233839

Complementary

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



3B313C



323C31

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.



263832



3B313C



343528

Square

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



3B313C



40312A



2D372C



24373E

Rectangle

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



3B313C



413032



2D372C



233837

Sweetspot

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



3B313C



4F4A4F



31323C



292629



A8A8A8



292929

Same Dimension

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



3B313C



4D3E4F



3C3138



1E1C1F



56005E



CA00DE

Inverse Universe

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



3C3132



4F3E3F



313C35



1F1C1C



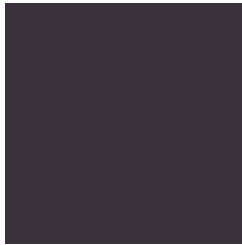
5E0009



DE0014

Previews

White Background



This preview shows how the Hex color 3B313C looks on a white background.

Color Contrast Check

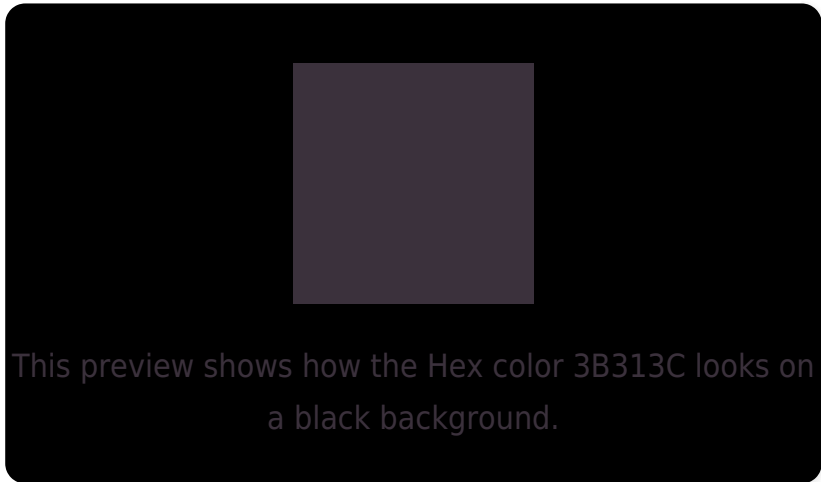
Large Text (above 18pt) WCAG AA ✓ Pass

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

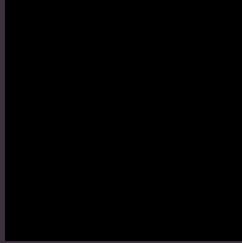
Any Text WCAG AA × Fail

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 3B313C Background



This preview shows how black text looks on a background with the Hex color 3B313C.

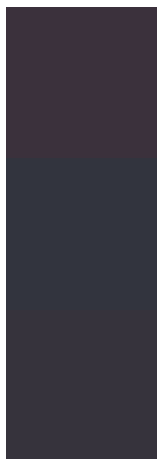


This preview shows how white text looks on a background with the Hex color 3B313C.

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
3B313C

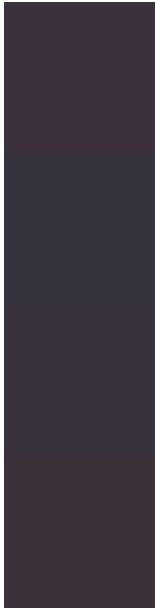
Protanopia
32343E

Deuteranopia
36333C



Tritanopia
3A3236

Trichromacy



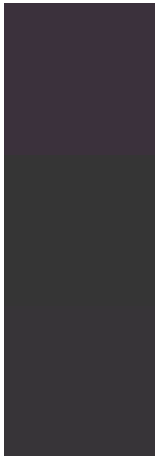
Original Color
3B313C

Protanomaly
35333D

Deuteranomaly
38323C

Tritanomaly
3A3238

Monochromacy



Original Color
3B313C

Achromatopsia
353535

Achromatomaly
373438

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B313C 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 #3B313C looks like.

```
.text, #text, p{  
    color:#3B313C  
}
```

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 #3B313C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B313C
}
```

Border

The CSS property to change the border of an element to Hex 3B313C is called "border". The border property can be set on classes, ids or directly on the HTML element.

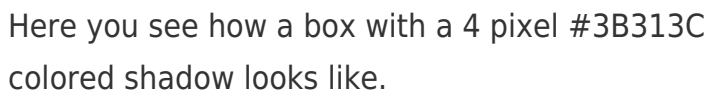
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B313C }
```

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

```
.border{ border-color:#3B313C }
```

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



Here you see how a box with a 4 pixel #3B313C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B313C; -webkit-box-shadow:4px 4px  
4px 4px #3B313C; box-shadow:4px 4px 4px  
4px #3B313C }
```

Background

The CSS property to change the background color of an element to Hex 3B313C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B313C }
```

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

```
.background{ background-color:#3B313C }
```

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