

Converting Colors

Hex(313B39)

Have a look what the booklet for
Hex(313B39) contains.

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Color

Hex(313B39)

Conversions

Conversions Part 1

Format	Color
Hex	313B39
RGB	49, 59, 57
RGB Percent	19%, 23%, 22%
CMY	0.8078, 0.7686, 0.7765
CMYK	0.17, 0.00, 0.03, 0.77
HSL	168°, 9%, 21%
HSV	168°, 17%, 23%
XYZ	3.5691, 4.0763, 4.4696
YIQ	55.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

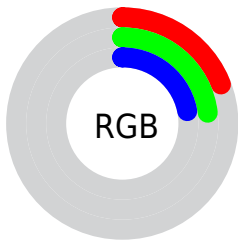
Format	Color
RYB	49, 55, 59
Decimal	3226425
CIELab	23.92, -4.64, -0.16
CIELCh	24, 4.647, 181.983
Yxy	4.0763, 0.2946, 0.3365
Android (android.graphics.Color)	4281416505 (0xFF313B39)
YUV	55.7820, 0.6005, -5.9478
Hunter-Lab	20.1899, -3.7775, 1.0074

Details

The Hex color **313B39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3133**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F6A68**, and **02110E** is the 20% darker color. If you saturate the color by 10%, you get **2B3B38**, and if you desaturate by 10%, it is **373B3A**.

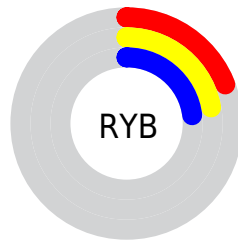
Distribution



Red (19%)

Green (23%)

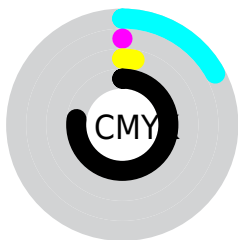
Blue (22%)



Red (19%)

Yellow (22%)

Blue (23%)

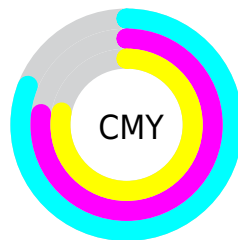


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313B39 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 313B39 by changing the saturation by 10% instead.

■ 313B39

■ 313B39

FFFFFF

■ 1C2524

■ 5F6A68

■ 02110E

■ 788381

■ 000000

■ 929D9B

■ ACB8B6

■ C8D4D1

■ E4F0EE

■ 313B39

■ 313B39

■ 2B3B38

■ 373B3A

■ 253B37

■ 3D3B3B

■ 1F3B35

■ 433B3D

■ 193B34

■ 493B3E

■ 143B33

■ 4E3B3F

■ 0E3B32

■ 543B40

■ 083B31

■ 5A3B41

■ 023B30

■ 603B42

■ 003B2F

■ 663B44

Harmonies

Analogous

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



343B36



313B39



303B3C

Triad

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



313B39



3A383F



3F3833

Complementary

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



313B39



3B3133

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.



403735



313B39



3E373C

Square

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



313B39



363940



403739



3C3932

Rectangle

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



313B39



313A3E



403739



3F3734

Sweetspot

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



313B39



494D4C



333B31



242626



A6A6A6



262626

Same Dimension

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



313B39



3D4D49



31383B



1C1F1E



005E4B



00DEB1

Inverse Universe

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



3B3133



4D3D40



3B3431



1F1C1C



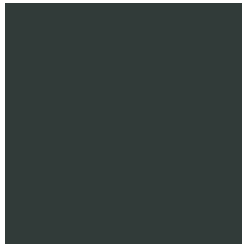
5E0013



DE002C

Previews

White Background



This preview shows how the Hex color 313B39 looks on a white background.

Color Contrast Check

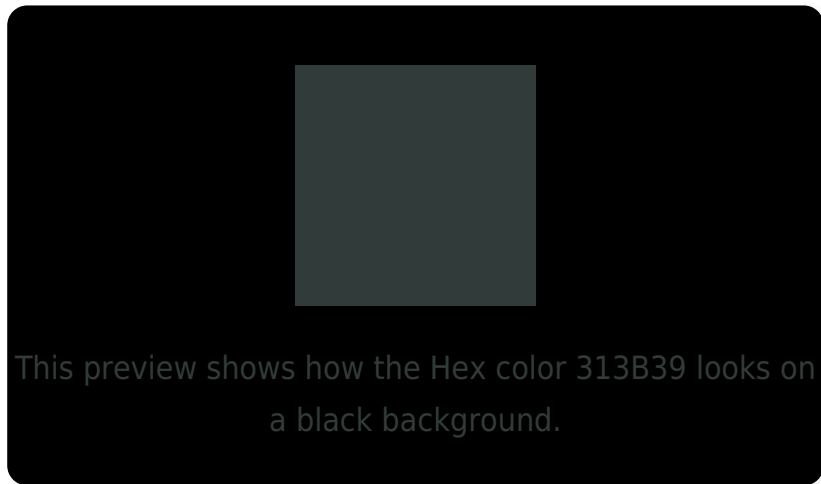
Large Text (above 18pt) WCAG AA ✓ Pass

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

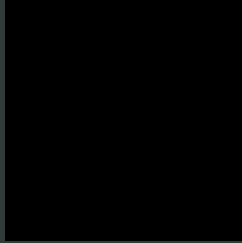
Any Text WCAG AA × Fail

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 313B39 Background



This preview shows how black text looks on a background with the Hex color 313B39.

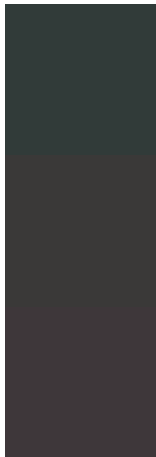


This preview shows how white text looks on a background with the Hex color 313B39.

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
313B39

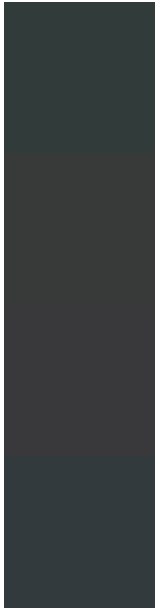
Protanopia
3A3938

Deuteranopia
3E373A



Tritanopia
323A3F

Trichromacy



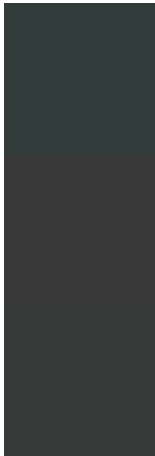
Original Color
313B39

Protanomaly
373A38

Deuteranomaly
39383A

Tritanomaly
323A3D

Monochromacy



Original Color
313B39

Achromatopsia
383838

Achromatomaly
353938

CSS Examples

Text

The CSS property to change the color of the text to Hex 313B39 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 #313B39 looks like.

```
.text, #text, p{  
    color:#313B39  
}
```

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 #313B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313B39
}
```

Border

The CSS property to change the border of an element to Hex 313B39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

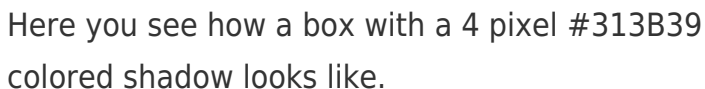
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313B39 }
```

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

```
.border{ border-color:#313B39 }
```

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



Here you see how a box with a 4 pixel #313B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313B39; -webkit-box-shadow:4px 4px  
4px 4px #313B39; box-shadow:4px 4px 4px  
4px #313B39 }
```

Background

The CSS property to change the background color of an element to Hex 313B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313B39 }
```

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

```
.background{ background-color:#313B39 }
```

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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