

Converting Colors

Hex(313D40)

Have a look what the booklet for
Hex(313D40) contains.

Hex(313D40)	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(313D40)

Conversions

Conversions Part 1

Format	Color
Hex	313D40
RGB	49, 61, 64
RGB Percent	19%, 24%, 25%
CMY	0.8078, 0.7608, 0.7490
CMYK	0.23, 0.05, 0.00, 0.75
HSL	192°, 13%, 22%
HSV	192°, 23%, 25%
XYZ	3.8608, 4.3606, 5.4887
YIQ	57.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

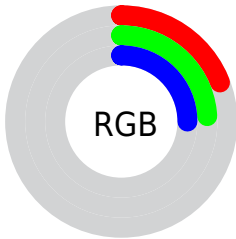
Format	Color
RYB	49, 56, 64
Decimal	3226944
CIELab	24.83, -4.11, -3.49
CIElCh	25, 5.391, 220.277
Yxy	4.3606, 0.2816, 0.3181
Android (android.graphics.Color)	4281417024 (0xFF313D40)
YUV	57.7540, 3.0793, -7.6773
Hunter-Lab	20.8821, -3.5418, -0.9664

Details

The Hex color **313D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403431**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5F6C70**, and **031316** is the 20% darker color. If you saturate the color by 10%, you get **2B3C40**, and if you desaturate by 10%, it is **373E40**.

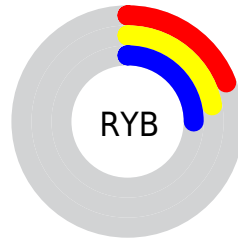
Distribution



Red (19%)

Green (24%)

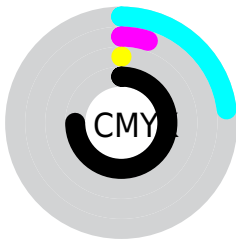
Blue (25%)



Red (19%)

Yellow (22%)

Blue (25%)

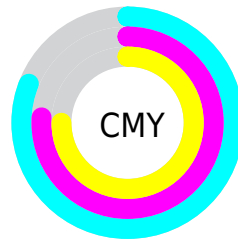


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (75%)



Cyan (81%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313D40 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 313D40 by changing the saturation by 10% instead.

■ 313D40

■ 313D40

FFFFFF

■ 1C272A

■ 5F6C70

■ 031316

■ 788689

■ 000000

■ 92A0A3

■ ADBBBE

■ C8D6DA

■ E4F3F7

■ 313D40

■ 313D40

■ 2B3C40

■ 373E40

■ 243A40

■ 3E4040

■ 1E3940

■ 444140

■ 173840

■ 4B4240

■ 113740

■ 514340

■ 0B3540

■ 574540

■ 043440

■ 5E4640

■ 003340

■ 644740

■ 6B4940

Harmonies

Analogous

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



313D3C



313D40



343C42

Triad

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



313D40



42383E



3D3B33

Complementary

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



313D40



403431

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.



413A33



313D40



44383A

Square

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



313D40



3D3941



433936



383C35

Rectangle

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



313D40



373B43



433936



3E3B33

Sweetspot

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



313D40



4E5354



314034



282B2B



ABABAB



2B2B2B

Same Dimension

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



313D40



3D4F54



313640



1E2021



004E61



00B4E0

Inverse Universe

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



40313D



543D4F



403C31



211E20



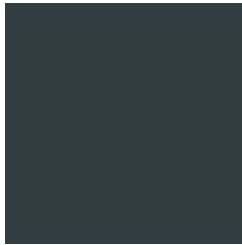
61004E



E000B4

Previews

White Background



This preview shows how the Hex color 313D40 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

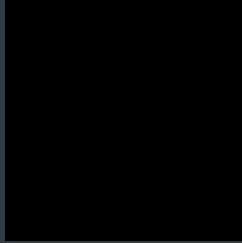
Any Text WCAG AA × Fail

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 313D40 Background



This preview shows how black text looks on a background with the Hex color 313D40.



This preview shows how white text looks on a background with the Hex color 313D40.

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

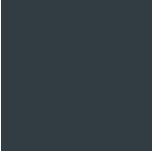
313D40

Protanopia

3B3A3E

Deuteranopia

3E3941



Tritanopia
313D42

Trichromacy



Original Color

313D40

Protanomaly

373B3F

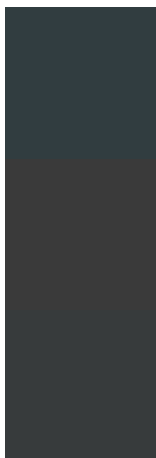
Deuteranomaly

393A41

Tritanomaly

313D41

Monochromacy



Original Color

313D40

Achromatopsia

3A3A3A

Achromatomaly

373B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 313D40 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 #313D40 looks like.

```
.text, #text, p{  
    color:#313D40  
}
```

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 #313D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313D40
}
```

Border

The CSS property to change the border of an element to Hex 313D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

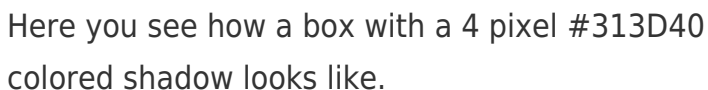
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313D40 }
```

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

```
.border{ border-color:#313D40 }
```

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



Here you see how a box with a 4 pixel #313D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313D40; -webkit-box-shadow:4px 4px  
4px 4px #313D40; box-shadow:4px 4px 4px  
4px #313D40 }
```

Background

The CSS property to change the background color of an element to Hex 313D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313D40 }
```

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

```
.background{ background-color:#313D40 }
```

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