

Converting Colors

Hex(313A40)

Have a look what the booklet for
Hex(313A40) contains.

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Color

Hex(313A40)

Conversions

Conversions Part 1

Format	Color
Hex	313A40
RGB	49, 58, 64
RGB Percent	19%, 23%, 25%
CMY	0.8078, 0.7725, 0.7490
CMYK	0.23, 0.09, 0.00, 0.75
HSL	204°, 13%, 22%
HSV	204°, 23%, 25%
XYZ	3.7051, 4.0492, 5.4368
YIQ	55.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

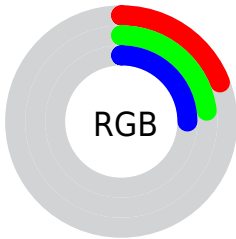
Format	Color
R_{YB}	49, 55, 64
Decimal	3226176
CIE Lab	23.83, -2.16, -4.97
CIE LCh	24, 5.419, 246.481
Yxy	4.0492, 0.2809, 0.3070
Android (android.graphics.Color)	4281416256 (0xFF313A40)
YUV	55.9930, 3.9475, -6.1329
Hunter-Lab	20.1227, -2.3485, -1.9331

Details

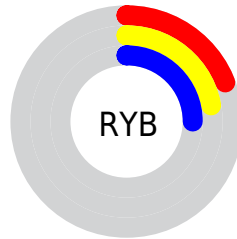
The Hex color **313A40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403731**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F6970**, and **030F16** is the 20% darker color. If you saturate the color by 10%, you get **2B3740**, and if you desaturate by 10%, it is **373D40**.

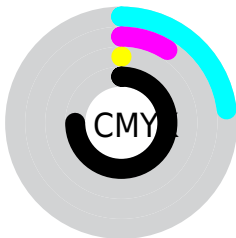
Distribution



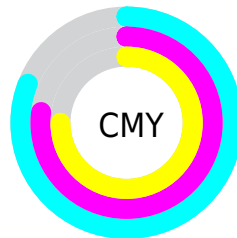
- Red (19%)
- Green (23%)
- Blue (25%)



- Red (19%)
- Yellow (22%)
- Blue (25%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (75%)



- Cyan (81%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313A40 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 313A40 by changing the saturation by 10% instead.

■ 313A40

■ 313A40

FFFFFF

■ 1C242A

■ 5F6970

■ 030F16

■ 788289

■ 000000

■ 929CA3

■ ADB7BE

■ C8D3DA

■ E4EFF7

■ 313A40

■ 313A40

■ 2B3740

■ 373D40

■ 243540

■ 3E3F40

■ 1E3240

■ 444240

■ 173040

■ 4B4440

■ 112D40

■ 514740

■ 0B2B40

■ 574940

■ 042840

■ 5E4C40

■ 002640

■ 644E40

■ 6B5140

Harmonies

Analogous

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



2F3B3D



313A40



363941

Triad

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



313A40



413638



363A32

Complementary

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



313A40



403731

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.



3B3931



313A40



413634

Square

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



313A40



3F363C



3F3731



323B35

Rectangle

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



313A40



393840



3F3731



383A31

Sweetspot

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



313A40



4E5254



314037



282A2B



ABABAB



2B2B2B

Same Dimension

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



313A40



3D4B54



313340



1E2021



003A61



0087E0

Inverse Universe

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



40313A



543D4B



403F31



211E20



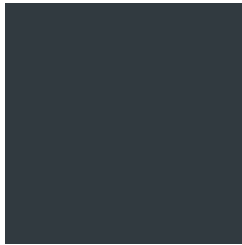
61003A



E00087

Previews

White Background



This preview shows how the Hex color 313A40 looks on a white background.

Color Contrast Check

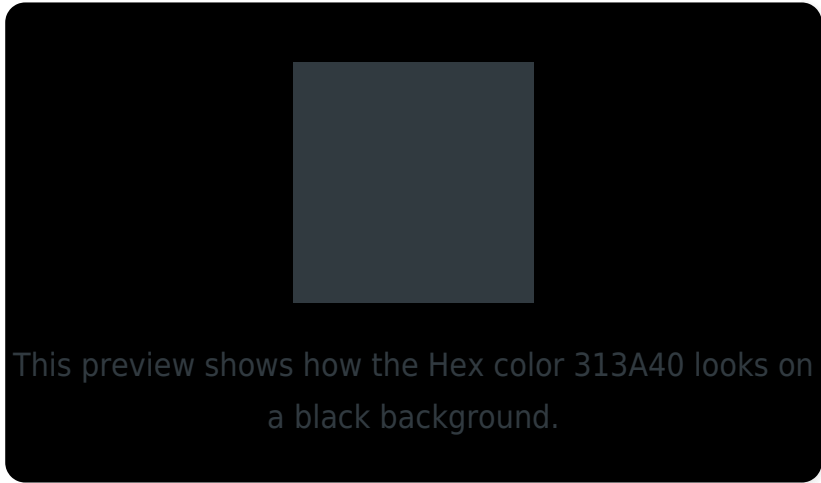
Large Text (above 18pt) WCAG AA ✓ Pass

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

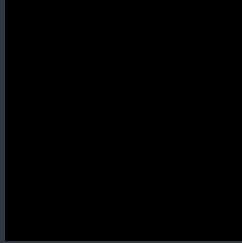
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

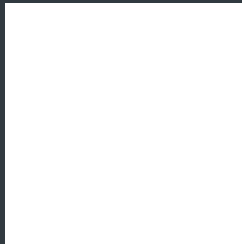
Any Text WCAG AAA × Fail

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

Hex 313A40 Background



This preview shows how black text looks on a background with the Hex color 313A40.



This preview shows how white text looks on a background with the Hex color 313A40.

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

313A40

Protanopia

38383F

Deuteranopia

3A3741



Tritanopia
313A3F

Trichromacy



Original Color

313A40

Protanomaly

35393F

Deuteranomaly

373841

Tritanomaly

313A3F

Monochromacy



Original Color

313A40

Achromatopsia

383838

Achromatomaly

35393B

CSS Examples

Text

The CSS property to change the color of the text to Hex 313A40 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 #313A40 looks like.

```
.text, #text, p{  
    color:#313A40  
}
```

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 #313A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313A40
}
```

Border

The CSS property to change the border of an element to Hex 313A40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

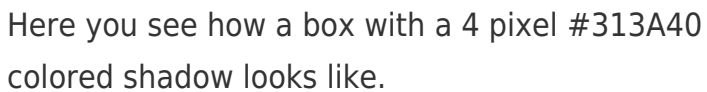
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313A40 }
```

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

```
.border{ border-color:#313A40 }
```

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



Here you see how a box with a 4 pixel #313A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313A40; -webkit-box-shadow:4px 4px  
4px 4px #313A40; box-shadow:4px 4px 4px  
4px #313A40 }
```

Background

The CSS property to change the background color of an element to Hex 313A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313A40 }
```

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

```
.background{ background-color:#313A40 }
```

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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