

Converting Colors

Hex(313B46)

Have a look what the booklet for
Hex(313B46) contains.

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Color

Hex(313B46)

Conversions

Conversions Part 1

Format	Color
Hex	313B46
RGB	49, 59, 70
RGB Percent	19%, 23%, 27%
CMY	0.8078, 0.7686, 0.7255
CMYK	0.30, 0.16, 0.00, 0.73
HSL	211°, 18%, 23%
HSV	211°, 30%, 27%
XYZ	3.9361, 4.2231, 6.4020
YIQ	57.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

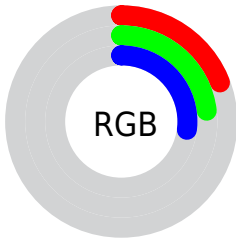
Format	Color
R_{YB}	49, 56, 70
Decimal	3226438
CIE Lab	24.40, -1.13, -8.12
CIE LCh	24, 8.202, 262.060
Yxy	4.2231, 0.2703, 0.2900
Android (android.graphics.Color)	4281416518 (0xFF313B46)
YUV	57.2640, 6.2788, -7.2475
Hunter-Lab	20.5502, -1.7738, -4.0856

Details

The Hex color **313B46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463C31**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **606A76**, and **04101B** is the 20% darker color. If you saturate the color by 10%, you get **2A3746**, and if you desaturate by 10%, it is **383F46**.

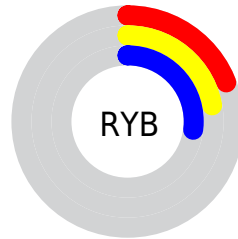
Distribution



Red (19%)

Green (23%)

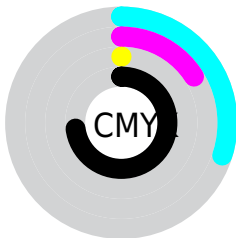
Blue (27%)



Red (19%)

Yellow (22%)

Blue (27%)

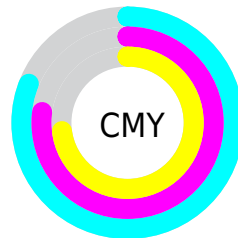


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (73%)



Cyan (81%)

Magenta (77%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313B46 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 313B46 by changing the saturation by 10% instead.

■ 313B46

■ 313B46

FFFFFF

■ 1C2530

■ 606A76

■ 04101B

■ 798390

■ 000000

■ 929DAA

■ ADB8C6

■ C8D4E2

■ E5F0FE

■ 313B46

■ 313B46

■ 2A3746

■ 383F46

■ 233446

■ 3F4246

■ 1C3046

■ 464646

■ 152C46

■ 4D4A46

■ 0E2946

■ 544D46

■ 072546

■ 5B5146

■ 002146

■ 625546

■ 695846

■ 705C46

Harmonies

Analogous

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



2B3D43



313B46



393945

Triad

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



313B46



473636



333D32

Complementary

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



313B46



463C31

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.



3A3B2E



313B46



453730

Square

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



313B46



45363C



40392E



2D3D38

Rectangle

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



313B46



3E3843



40392E



353C31

Sweetspot

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



313B46



54575C



31463C



292B2E



ADADAD



2E2E2E

Same Dimension

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



313B46



3B4A5C



313146



202224



002F63



006CE3

Inverse Universe

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



46313B



5C3B4A



464631



242022



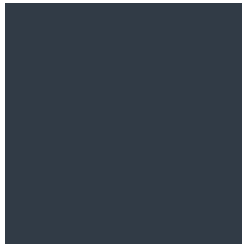
63002F



E3006C

Previews

White Background



This preview shows how the Hex color 313B46 looks on a white background.

Color Contrast Check

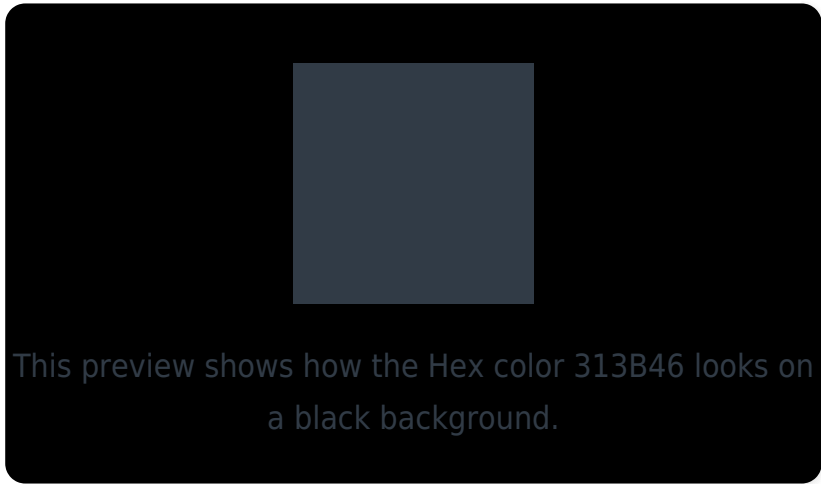
Large Text (above 18pt) WCAG AA ✓ Pass

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

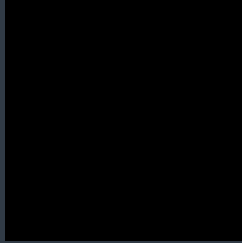
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

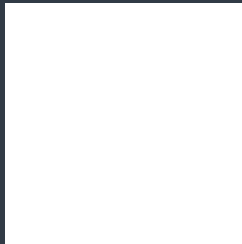
Any Text WCAG AAA × Fail

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

Hex 313B46 Background



This preview shows how black text looks on a background with the Hex color 313B46.

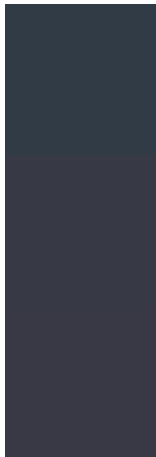


This preview shows how white text looks on a background with the Hex color 313B46.

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
313B46

Protanopia
373945

Deuteranopia
393946



Tritanopia
303C41

Trichromacy



Original Color
313B46

Protanomaly
353A45

Deuteranomaly
363A46

Tritanomaly
303C43

Monochromacy



Original Color
313B46

Achromatopsia
393939

Achromatomaly
363A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 313B46 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 #313B46 looks like.

```
.text, #text, p{  
    color:#313B46  
}
```

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 #313B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313B46  
}
```

Border

The CSS property to change the border of an element to Hex 313B46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

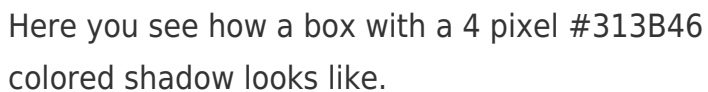
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#313B46 }
```

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

```
.border{ border-color:#313B46 }
```

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



Here you see how a box with a 4 pixel #313B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313B46; -webkit-box-shadow:4px 4px  
4px 4px #313B46; box-shadow:4px 4px 4px  
4px #313B46 }
```

Background

The CSS property to change the background color of an element to Hex 313B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313B46 }
```

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

```
.background{ background-color:#313B46 }
```

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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