

Converting Colors

Hex(313B3D)

Have a look what the booklet for
Hex(313B3D) contains.

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Color

Hex(313B3D)

Conversions

Conversions Part 1

Format	Color
Hex	313B3D
RGB	49, 59, 61
RGB Percent	19%, 23%, 24%
CMY	0.8078, 0.7686, 0.7608
CMYK	0.20, 0.03, 0.00, 0.76
HSL	190°, 11%, 22%
HSV	190°, 20%, 24%
XYZ	3.6729, 4.1178, 5.0161
YIQ	56.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

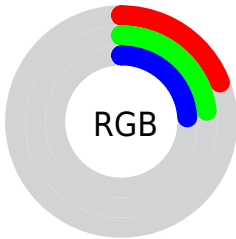
Format	Color
R_{YB}	49, 54, 61
Decimal	3226429
CIE Lab	24.06, -3.62, -2.63
CIE LCh	24, 4.475, 216.035
Yxy	4.1178, 0.2868, 0.3215
Android (android.graphics.Color)	4281416509 (0xFF313B3D)
YUV	56.2380, 2.3477, -6.3477
Hunter-Lab	20.2924, -3.2035, -0.4513

Details

The Hex color **313B3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3331**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F6A6C**, and **021113** is the 20% darker color. If you saturate the color by 10%, you get **2B3A3D**, and if you desaturate by 10%, it is **373C3D**.

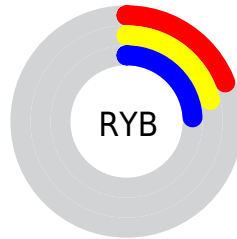
Distribution



Red (19%)

Green (23%)

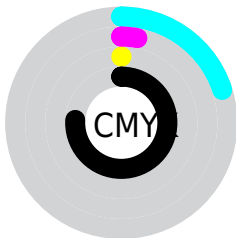
Blue (24%)



Red (19%)

Yellow (21%)

Blue (24%)

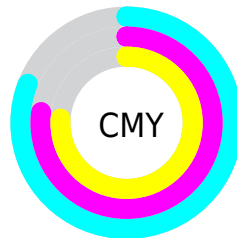


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313B3D 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 313B3D by changing the saturation by 10% instead.



313B3D



313B3D

FFFFFF



1C2527



5F6A6C



021113



788386



000000



929DA0



ACB8BB



C8D4D6



E4F0F3



313B3D



313B3D



2B3A3D



373C3D

■ 25393D

■ 3D3D3D

■ 1F383D

■ 433E3D

■ 19373D

■ 493F3D

■ 13363D

■ 50403D

■ 0C353D

■ 56413D

■ 06343D

■ 5C423D

■ 00333D

■ 62433D

■ 68443D

Harmonies

Analogous

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



313B3A



313B3D



333A3F

Triad

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



313B3D



3E373C



3B3933

Complementary

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



313B3D



3D3331

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.



3F3833



313B3D



403739

Square

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



313B3D



3B383F



403735



373A34

Rectangle

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



313B3D



353A40



403735



3D3933

Sweetspot

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



313B3D



4A4E4F



313D33



262829



A8A8A8



292929

Same Dimension

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



313B3D



3C4C4F



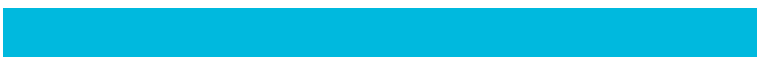
31353D



1C1E1F



004F5E



00B9DE

Inverse Universe

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



3D313B



4F3C4C



3D3931



1F1C1E



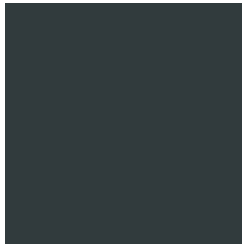
5E004F



DE00B9

Previews

White Background



This preview shows how the Hex color 313B3D looks on a white background.

Color Contrast Check

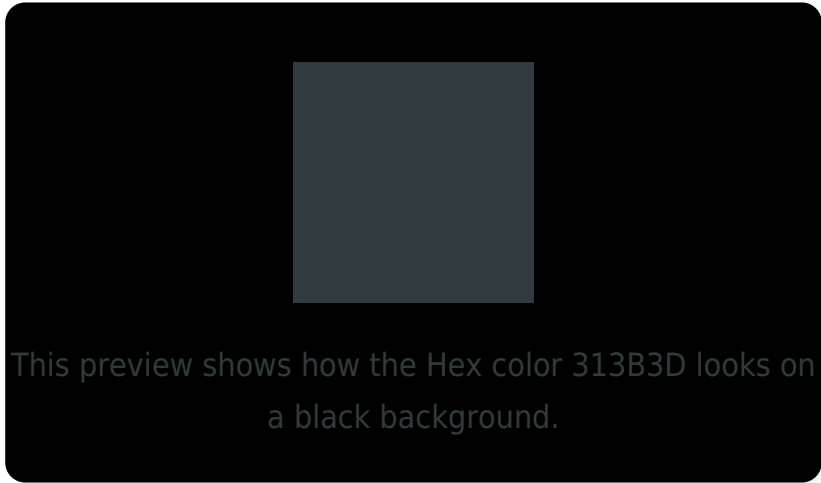
Large Text (above 18pt) WCAG AA ✓ Pass

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

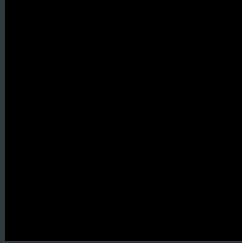
Any Text WCAG AA × Fail

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 313B3D Background



This preview shows how black text looks on a background with the Hex color 313B3D.



This preview shows how white text looks on a background with the Hex color 313B3D.

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

313B3D

Protanopia

39393C

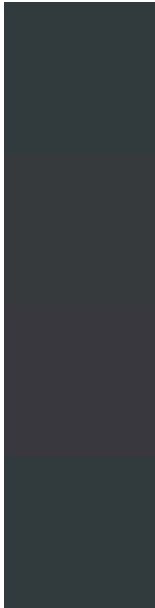
Deuteranopia

3D373E



Tritanopia
313B3F

Trichromacy



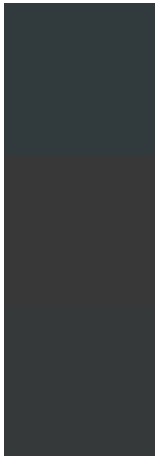
Original Color
313B3D

Protanomaly
363A3C

Deuteranomaly
39383E

Tritanomaly
313B3E

Monochromacy



Original Color
313B3D

Achromatopsia
383838

Achromatomaly
35393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 313B3D 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 #313B3D looks like.

```
.text, #text, p{  
    color:#313B3D  
}
```

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 #313B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313B3D
}
```

Border

The CSS property to change the border of an element to Hex 313B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

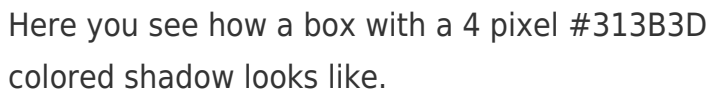
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313B3D }
```

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

```
.border{ border-color:#313B3D }
```

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



Here you see how a box with a 4 pixel #313B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313B3D; -webkit-box-shadow:4px 4px  
4px 4px #313B3D; box-shadow:4px 4px 4px  
4px #313B3D }
```

Background

The CSS property to change the background color of an element to Hex 313B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313B3D }
```

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

```
.background{ background-color:#313B3D }
```

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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