

Converting Colors

Hex(313937)

Have a look what the booklet for
Hex(313937) contains.

Hex(313937)	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(313937)

Conversions

Conversions Part 1

Format	Color
Hex	313937
RGB	49, 57, 55
RGB Percent	19%, 22%, 22%
CMY	0.8078, 0.7765, 0.7843
CMYK	0.14, 0.00, 0.04, 0.78
HSL	165°, 8%, 21%
HSV	165°, 14%, 22%
XYZ	3.4193, 3.8551, 4.1783
YIQ	54.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

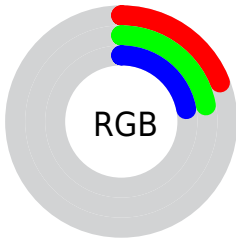
Format	Color
RYB	49, 54, 57
Decimal	3225911
CIELab	23.19, -3.85, 0.10
CIELCh	23, 3.850, 178.465
Yxy	3.8551, 0.2986, 0.3366
Android (android.graphics.Color)	4281415991 (0xFF313937)
YUV	54.3800, 0.3057, -4.7183
Hunter-Lab	19.6343, -3.2740, 1.1267

Details

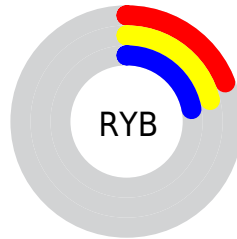
The Hex color **313937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393133**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5F6866**, and **020E0B** is the 20% darker color. If you saturate the color by 10%, you get **2B3936**, and if you desaturate by 10%, it is **373938**.

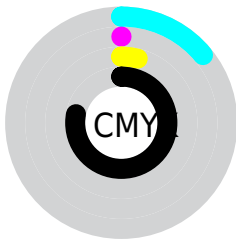
Distribution



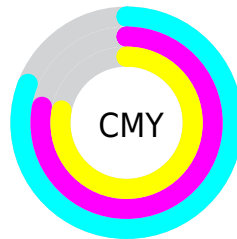
- Red (19%)
- Green (22%)
- Blue (22%)



- Red (19%)
- Yellow (21%)
- Blue (22%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (81%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313937 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 313937 by changing the saturation by 10% instead.

■ 313937

■ 313937

FFFFFF

■ 1C2422

■ 5F6866

■ 020E0B

■ 78817F

■ 000000

■ 929B99

■ ACB6B3

■ C7D1CF

■ E4EEEB

■ 313937

■ 313937

■ 2B3936

■ 373938

■ 263934

■ 3C393A

■ 203933

■ 42393B

■ 1A3931

■ 48393D

■ 153930

■ 4E393E

■ 0F392E

■ 533940

■ 09392D

■ 593941

■ 03392C

■ 5F3942

■ 00392B

■ 643944

Harmonies

Analogous

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



333934



313937



30393A

Triad

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



313937



38373C



3C3632

Complementary

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



313937



393133

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.



3E3535



313937



3B363A

Square

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



313937



34383D



3D3538



3A3732

Rectangle

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



313937



31393B



3D3538



3D3633

Sweetspot

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



313937



474A49



333931



242626



A6A6A6



262626

Same Dimension

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



313937



3D4A47



313739



191C1B



005C45



00DBA4

Inverse Universe

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



393133



4A3D41



393331



1C191A



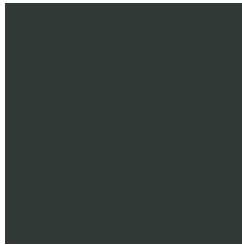
5C0017



DB0037

Previews

White Background



This preview shows how the Hex color 313937 looks on a white background.

Color Contrast Check

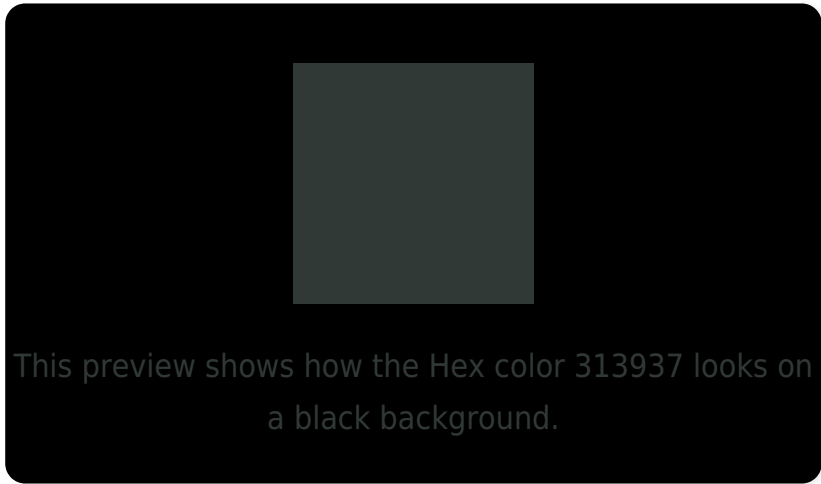
Large Text (above 18pt) WCAG AA ✓ Pass

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

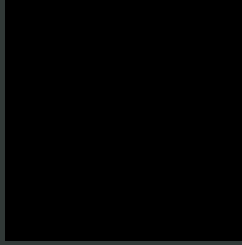
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

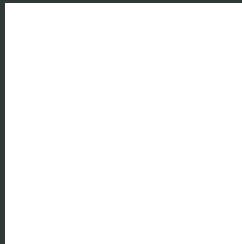
Any Text WCAG AAA × Fail

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

Hex 313937 Background



This preview shows how black text looks on a background with the Hex color 313937.

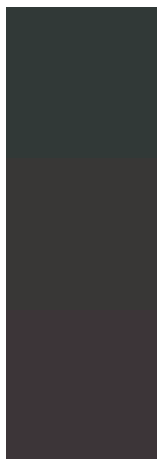


This preview shows how white text looks on a background with the Hex color 313937.

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](#).

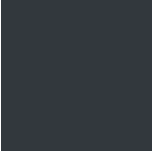
Dichromacy



Original Color
313937

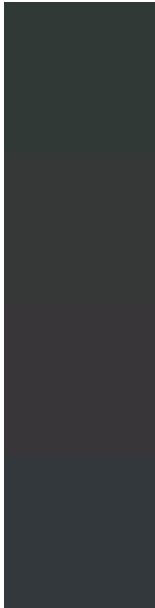
Protanopia
383736

Deuteranopia
3C3538



Tritanopia
32383D

Trichromacy



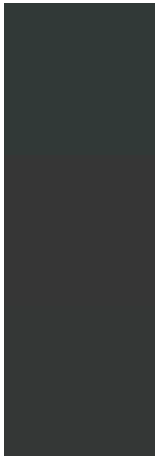
Original Color
313937

Protanomaly
353836

Deuteranomaly
383638

Tritanomaly
32383B

Monochromacy



Original Color
313937

Achromatopsia
363636

Achromatomaly
343736

CSS Examples

Text

The CSS property to change the color of the text to Hex 313937 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 #313937 looks like.

```
.text, #text, p{  
    color:#313937  
}
```

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 #313937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313937
}
```

Border

The CSS property to change the border of an element to Hex 313937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

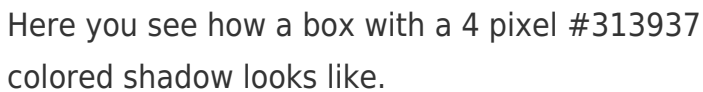
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313937 }
```

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

```
.border{ border-color:#313937 }
```

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



Here you see how a box with a 4 pixel #313937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313937; -webkit-box-shadow:4px 4px  
4px 4px #313937; box-shadow:4px 4px 4px  
4px #313937 }
```

Background

The CSS property to change the background color of an element to Hex 313937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313937 }
```

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

```
.background{ background-color:#313937 }
```

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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