

Converting Colors

Hex(303A39)

Have a look what the booklet for
Hex(303A39) contains.

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Color

Hex(303A39)

Conversions

Conversions Part 1

Format	Color
Hex	303A39
RGB	48, 58, 57
RGB Percent	19%, 23%, 22%
CMY	0.8118, 0.7725, 0.7765
CMYK	0.17, 0.00, 0.02, 0.77
HSL	174°, 9%, 21%
HSV	174°, 17%, 23%
XYZ	3.4705, 3.9499, 4.4504
YIQ	54.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

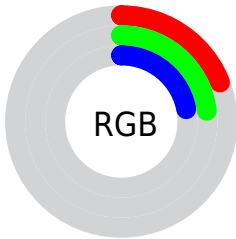
Format	Color
R_YB	48, 53, 58
Decimal	3160633
CIE Lab	23.51, -4.40, -0.78
CIE LCh	24, 4.472, 190.057
Yxy	3.9499, 0.2924, 0.3327
Android (android.graphics.Color)	4281350713 (0xFF303A39)
YUV	54.8960, 1.0373, -6.0478
Hunter-Lab	19.8744, -3.6101, 0.6355

Details

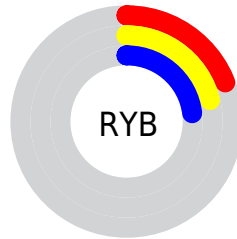
The Hex color **303A39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3031**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5E6968**, and **000F0E** is the 20% darker color. If you saturate the color by 10%, you get **2A3A38**, and if you desaturate by 10%, it is **363A3A**.

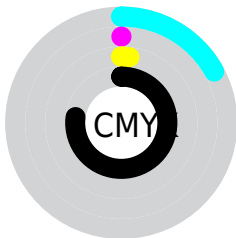
Distribution



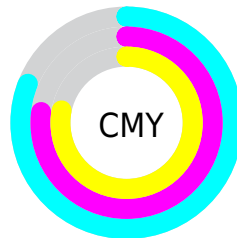
- Red (19%)
- Green (23%)
- Blue (22%)



- Red (19%)
- Yellow (21%)
- Blue (23%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (77%)



- Cyan (81%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303A39 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 303A39 by changing the saturation by 10% instead.

■ 303A39

■ 303A39

FFFFFF

■ 1B2424

■ 5E6968

■ 000F0E

■ 778281

■ 000000

■ 919C9B

■ ABB7B6

■ C6D3D1

■ E2EFEE

■ 303A39

■ 303A39

■ 2A3A38

■ 363A3A

■ 243A38

■ 3C3A3A

■ 1F3A37

■ 413A3B

■ 193A37

■ 473A3B

■ 133A36

■ 4D3A3C

■ 0D3A36

■ 533A3C

■ 073A35

■ 593A3D

■ 023A34

■ 5E3A3E

■ 003A34

■ 643A3E

Harmonies

Analogous

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



323A36



303A39



303A3C

Triad

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



303A39



3A373D



3D3732

Complementary

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



303A39



3A3031

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.



3F3634



303A39



3D363A

Square

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



303A39



36383E



3F3637



3A3831

Rectangle

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



303A39



31393E



3F3637



3E3732

Sweetspot

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



303A39



494D4C



313A30



242626



A6A6A6



262626

Same Dimension

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



303A39



3C4D4B



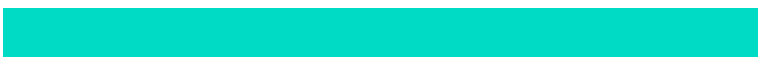
30363A



191C1C



005C53



00DBC5

Inverse Universe

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



3A3031



4D3C3E



3A3430



1C191A



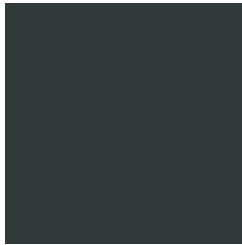
5C0009



DB0016

Previews

White Background



This preview shows how the Hex color 303A39 looks on a white background.

Color Contrast Check

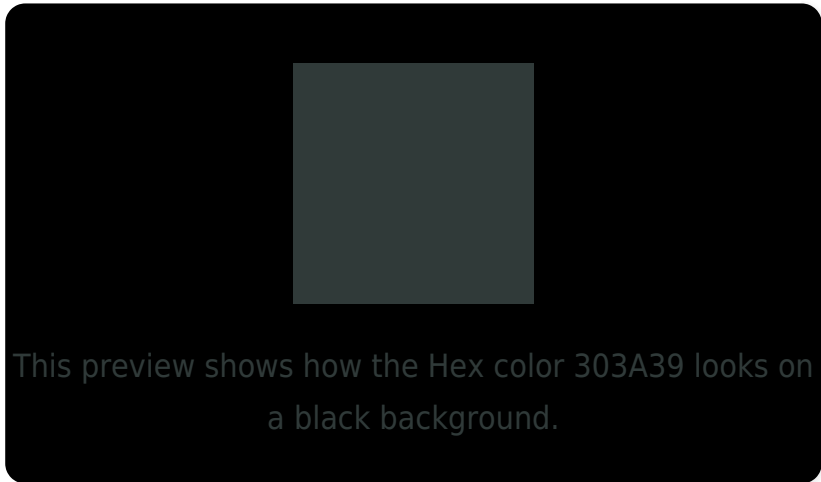
Large Text (above 18pt) WCAG AA ✓ Pass

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

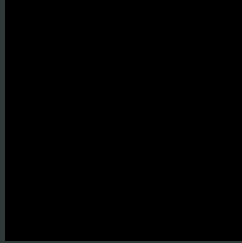
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

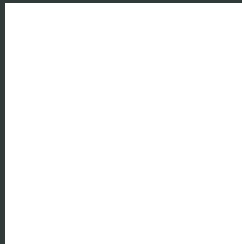
Any Text WCAG AAA × Fail

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

Hex 303A39 Background



This preview shows how black text looks on a background with the Hex color 303A39.

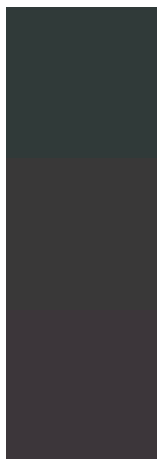


This preview shows how white text looks on a background with the Hex color 303A39.

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](#).

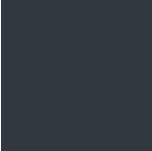
Dichromacy



Original Color
303A39

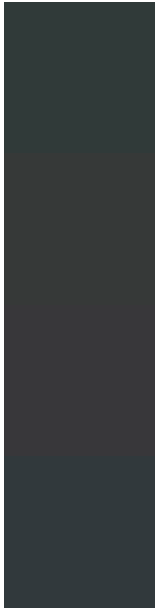
Protanopia
393838

Deuteranopia
3C363A



Tritanopia
31393E

Trichromacy



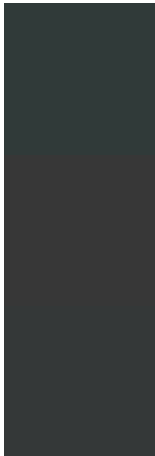
Original Color
303A39

Protanomaly
363938

Deuteranomaly
38373A

Tritanomaly
31393C

Monochromacy



Original Color
303A39

Achromatopsia
373737

Achromatomaly
343838

CSS Examples

Text

The CSS property to change the color of the text to Hex 303A39 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 #303A39 looks like.

```
.text, #text, p{  
    color:#303A39  
}
```

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 #303A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303A39
}
```

Border

The CSS property to change the border of an element to Hex 303A39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

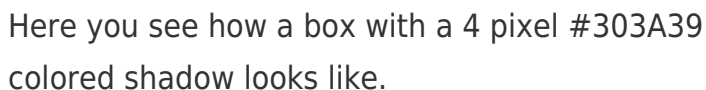
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303A39 }
```

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

```
.border{ border-color:#303A39 }
```

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



Here you see how a box with a 4 pixel #303A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303A39; -webkit-box-shadow:4px 4px  
4px 4px #303A39; box-shadow:4px 4px 4px  
4px #303A39 }
```

Background

The CSS property to change the background color of an element to Hex 303A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303A39 }
```

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

```
.background{ background-color:#303A39 }
```

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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