

# Converting Colors

Hex(303B3B)

Have a look what the booklet for  
Hex(303B3B) contains.

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# Color

**Hex(303B3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	303B3B
RGB	48, 59, 59
RGB Percent	19%, 23%, 23%
CMY	0.8118, 0.7686, 0.7686
CMYK	0.19, 0.00, 0.00, 0.77
HSL	180°, 10%, 21%
HSV	180°, 19%, 23%
XYZ	3.5723, 4.0721, 4.7354
YIQ	55.7110, -6.5560, -2.3320

# Conversions

## Conversions Part 2

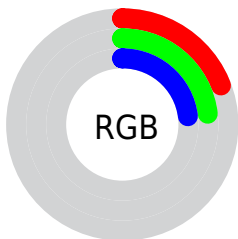
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 54, 59
Decimal	3160891
CIELab	23.91, -4.53, -1.53
CIELCh	24, 4.784, 198.600
Yxy	4.0721, 0.2886, 0.3289
Android (android.graphics.Color)	4281350971 (0xFF303B3B)
YUV	55.7110, 1.6215, -6.7625
Hunter-Lab	20.1794, -3.7145, 0.2123

# Details


The Hex color **303B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3030**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5E6A6A**, and **011111** is the 20% darker color. If you saturate the color by 10%, you get **2A3B3B**, and if you desaturate by 10%, it is **363B3B**.

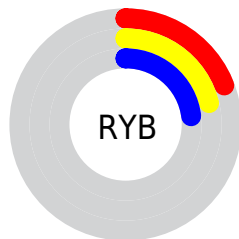
# Distribution



 Red (19%)

 Green (23%)

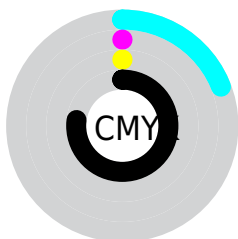
 Blue (23%)




 Red (19%)

 Yellow (21%)

 Blue (23%)

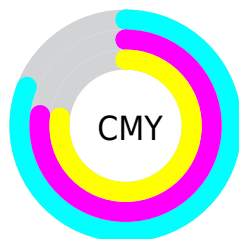



 Cyan (19%)


 Magenta (0%)

 Yellow (0%)

 Black (77%)



 Cyan (81%)

 Magenta (77%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 303B3B 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 303B3B by changing the saturation by 10% instead.





303B3B



303B3B

FFFFFF



1B2525



5E6A6A



011111



778383



000000



919D9D



ABB8B8



C7D4D4



E3F0F0



303B3B



303B3B



2A3B3B



363B3B

■ 243B3B

■ 3C3B3B

■ 1E3B3B

■ 423B3B

■ 183B3B

■ 483B3B

■ 123B3B

■ 4E3B3B

■ 0D3B3B

■ 533B3B

■ 073B3B

■ 593B3B

■ 013B3B

■ 5F3B3B

■ 003B3B

■ 653B3B

# Harmonies

## Analogous

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



323B37



303B3B



313B3E

# Triad

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



303B3B



3C373E



3D3832

# Complementary

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



303B3B



3B3030

# 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.



403734



303B3B



3F373A

# Square

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



303B3B



383840



413737



393932

# Rectangle

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



303B3B



323A3F



413737



3E3832



# Sweetspot

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



303B3B



484D4D



303B30



242626



A6A6A6



262626



# Same Dimension

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



303B3B



3C4D4D



30363B



1C1F1F



005E5E



00DEDE



# Inverse Universe

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



3B303B



4D3C4D



3B3630



1F1C1F



5E005E

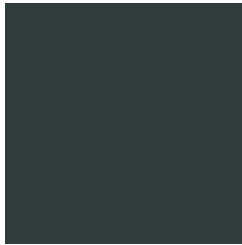


DE00DE



# Previews

## White Background



This preview shows how the Hex color 303B3B looks on a white background.

## Color Contrast Check

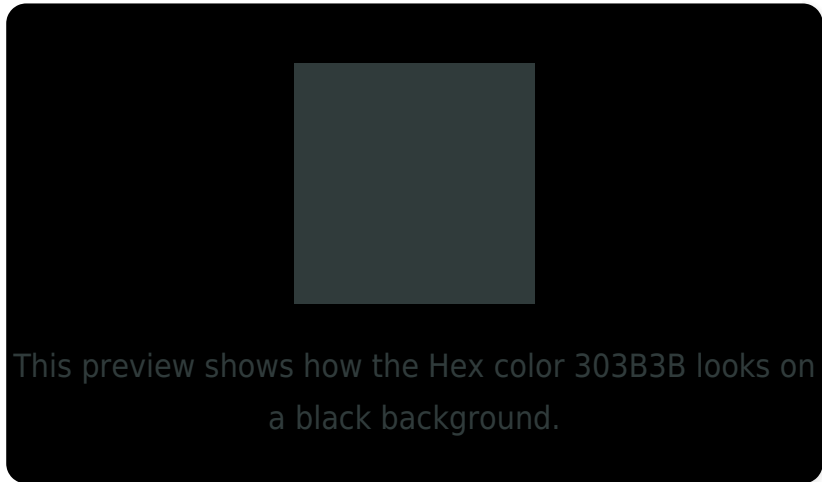
Large Text (above 18pt) WCAG AA ✓ Pass

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

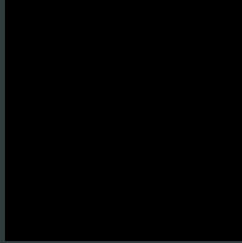
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

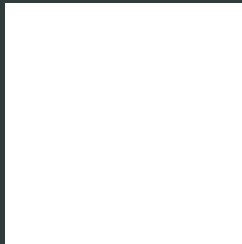
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 303B3B Background



This preview shows how black text looks on a background with the Hex color 303B3B.



This preview shows how white text looks on a background with the Hex color 303B3B.

# 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**  
303B3B

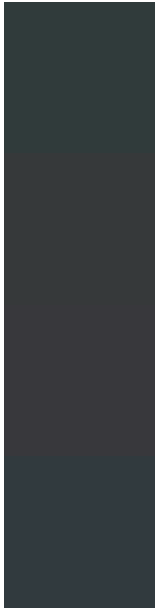
**Protanopia**  
3A383A

**Deuteranopia**  
3D373C



**Tritanopia**  
313A3F

# Trichromacy



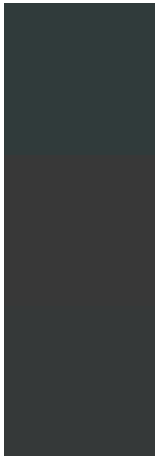
**Original Color**  
303B3B

**Protanomaly**  
36393A

**Deuteranomaly**  
38383C

**Tritanomaly**  
313A3E

# Monochromacy



**Original Color**  
303B3B

**Achromatopsia**  
383838

**Achromatomaly**  
353939

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 303B3B 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 #303B3B looks like.

```
.text, #text, p{  
    color:#303B3B  
}
```

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 #303B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303B3B
}
```

## Border

The CSS property to change the border of an element to Hex 303B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

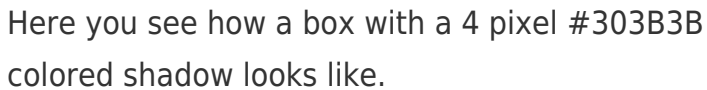
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303B3B }
```

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

```
.border{ border-color:#303B3B }
```

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



Here you see how a box with a 4 pixel #303B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303B3B; -webkit-box-shadow:4px 4px  
4px 4px #303B3B; box-shadow:4px 4px 4px  
4px #303B3B }
```

# Background

The CSS property to change the background color of an element to Hex 303B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303B3B }
```

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

```
.background{ background-color:#303B3B }
```

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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