

Converting Colors

Hex(333B3C)

Have a look what the booklet for
Hex(333B3C) contains.

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Color

Hex(333B3C)

Conversions

Conversions Part 1

Format	Color
Hex	333B3C
RGB	51, 59, 60
RGB Percent	20%, 23%, 24%
CMY	0.8000, 0.7686, 0.7647
CMYK	0.15, 0.02, 0.00, 0.76
HSL	187°, 8%, 22%
HSV	187°, 15%, 24%
XYZ	3.7448, 4.1580, 4.8802
YIQ	56.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

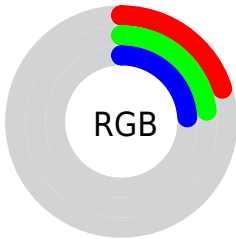
Format	Color
RYB	51, 55, 60
Decimal	3357500
CIELab	24.19, -3.08, -1.76
CIElCh	24, 3.547, 209.660
Yxy	4.1580, 0.2930, 0.3253
Android (android.graphics.Color)	4281547580 (0xFF333B3C)
YUV	56.7220, 1.6161, -5.0182
Hunter-Lab	20.3911, -2.9031, 0.0840

Details

The Hex color **333B3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3433**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **616A6B**, and **051112** is the 20% darker color. If you saturate the color by 10%, you get **2D3A3C**, and if you desaturate by 10%, it is **393C3C**.

Distribution



Red (20%)

Green (23%)

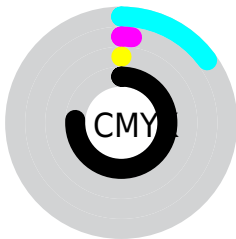
Blue (24%)



Red (20%)

Yellow (22%)

Blue (24%)

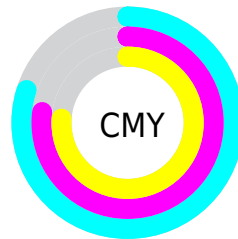


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (76%)



Cyan (80%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333B3C 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 333B3C by changing the saturation by 10% instead.



333B3C



333B3C

FFFFFF



1E2526



616A6B



051112



7A8384



000000



949D9F



AFB8B9



CAD4D5



E6F0F1



333B3C



333B3C



2D3A3C



393C3C

■ 273A3C

■ 3F3C3C

■ 21393C

■ 453D3C

■ 1B383C

■ 4B3E3C

■ 15383C

■ 513E3C

■ 0F373C

■ 573F3C

■ 09363C

■ 5D403C

■ 03363C

■ 63403C

■ 00353C

■ 69413C

Harmonies

Analogous

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



343B39



333B3C



343A3E

Triad

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



333B3C



3D383C



3C3934

Complementary

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



333B3C



3C3433

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.



3E3835



333B3C



3F383A

Square

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



333B3C



3A393E



3F3837



393A35

Rectangle

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



333B3C



363A3F



3F3837



3D3934

Sweetspot

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



333B3C



4B4F4F



333C34



262929



A8A8A8



292929

Same Dimension

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



333B3C



414D4F



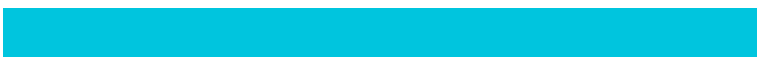
33373C



1C1E1F



00545E



00C5DE

Inverse Universe

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



3C333B



4F414D



3C3833



1F1C1E



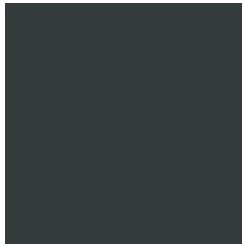
5E0054



DE00C5

Previews

White Background



This preview shows how the Hex color 333B3C looks on a white background.

Color Contrast Check

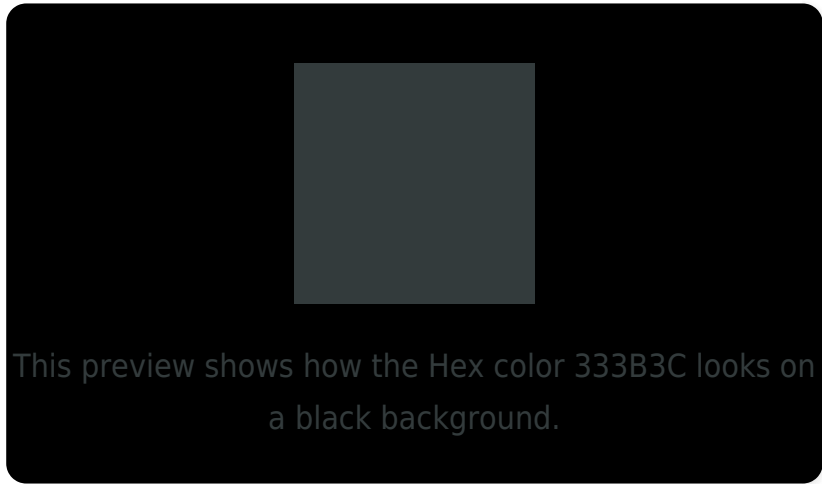
Large Text (above 18pt) WCAG AA ✓ Pass

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

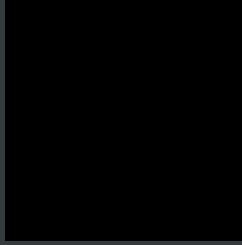
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

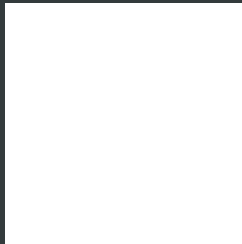
Any Text WCAG AAA × Fail

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

Hex 333B3C Background



This preview shows how black text looks on a background with the Hex color 333B3C.

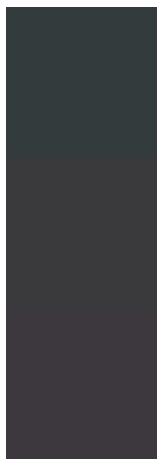


This preview shows how white text looks on a background with the Hex color 333B3C.

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
333B3C

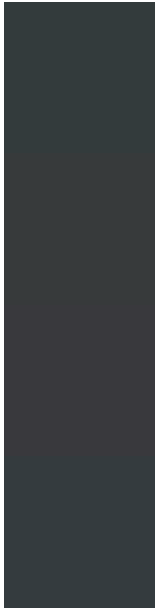
Protanopia
3A393B

Deuteranopia
3D383D



Tritanopia
343B3F

Trichromacy



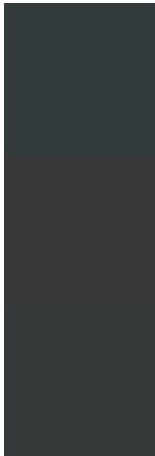
Original Color
333B3C

Protanomaly
373A3B

Deuteranomaly
39393D

Tritanomaly
343B3E

Monochromacy



Original Color
333B3C

Achromatopsia
393939

Achromatomaly
373A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 333B3C 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 #333B3C looks like.

```
.text, #text, p{  
    color:#333B3C  
}
```

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 #333B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333B3C
}
```

Border

The CSS property to change the border of an element to Hex 333B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

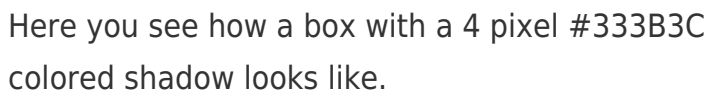
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333B3C }
```

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

```
.border{ border-color:#333B3C }
```

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



Here you see how a box with a 4 pixel #333B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333B3C; -webkit-box-shadow:4px 4px  
4px 4px #333B3C; box-shadow:4px 4px 4px  
4px #333B3C }
```

Background

The CSS property to change the background color of an element to Hex 333B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333B3C }
```

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

```
.background{ background-color:#333B3C }
```

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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