

# Converting Colors

Hex(41333B)

Have a look what the booklet for  
Hex(41333B) contains.

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# Color

**Hex(41333B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41333B
RGB	65, 51, 59
RGB Percent	25%, 20%, 23%
CMY	0.7451, 0.8000, 0.7686
CMYK	0.00, 0.22, 0.09, 0.75
HSL	326°, 12%, 23%
HSV	326°, 22%, 25%
XYZ	4.1532, 3.8072, 4.6536
YIQ	56.0980, 5.7760, 5.4560

# Conversions

## Conversions Part 2

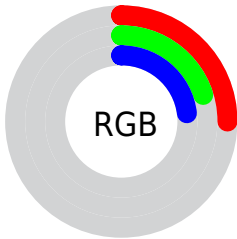
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 51, 59
Decimal	4272955
CIELab	23.02, 7.91, -2.64
CIElCh	23, 8.336, 341.505
Yxy	3.8072, 0.3293, 0.3018
Android (android.graphics.Color)	4282463035 (0xFF41333B)
YUV	56.0980, 1.4307, 7.8071
Hunter-Lab	19.5121, 3.8480, -0.4822

# Details

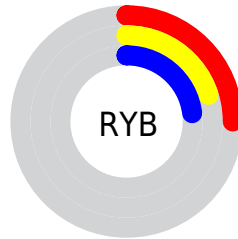
The Hex color **41333B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334139**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **71616A**, and **170511** is the 20% darker color. If you saturate the color by 10%, you get **412D38**, and if you desaturate by 10%, it is **413A3E**.

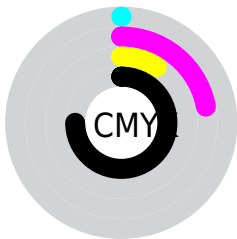
# Distribution



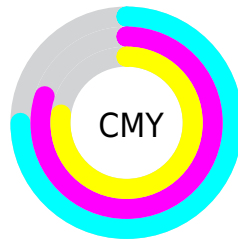
- Red (25%)
- Green (20%)
- Blue (23%)



- Red (25%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (75%)



- Cyan (75%)
- Magenta (80%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41333B 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 41333B by changing the saturation by 10% instead.





41333B



41333B

FFFFFF



2B1E25



71616A



170511



8A7A83



000000



A5949D



C0AFB8



DCCAD4



F8E6F0



41333B



41333B



412D38



413A3E

■ 412635

■ 414041

■ 412033

■ 414743

■ 411930

■ 414D46

■ 41132D

■ 415449

■ 410C2A

■ 415A4C

■ 410628

■ 41614E

■ 410025

■ 416751

■ 416E54

# Harmonies

## Analogous

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



3B3540



41333B



443335

# Triad

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



41333B



39372B



273A3F

# Complementary

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



41333B



334139

# 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.



273B39



41333B



32392D

# Square

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



41333B



3F352B



2B3A33



2B3943

# Rectangle

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



41333B



443331



2B3A33



263A3D



# Sweetspot

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



41333B



544F52



393341



2B282A



ABABAB



2B2B2B



# Same Dimension

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



41333B



543E4B



413334



211E20



610037



E00080



# Inverse Universe

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



41333B



543E4B



334140



211E20



610037



E00080



# Previews

## White Background



This preview shows how the Hex color 41333B looks on a white background.

## Color Contrast Check

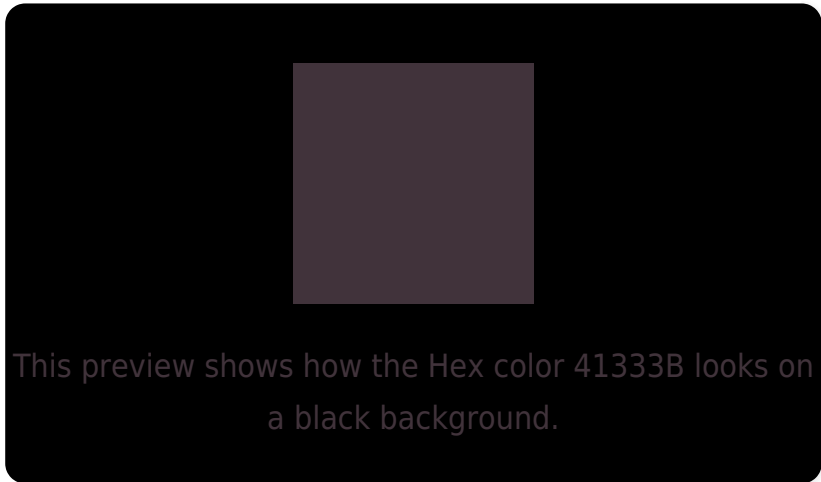
Large Text (above 18pt) WCAG AA ✓ Pass

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

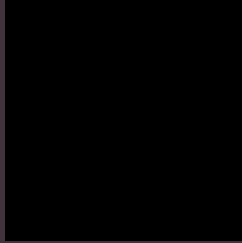
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 41333B Background



This preview shows how black text looks on a background with the Hex color 41333B.

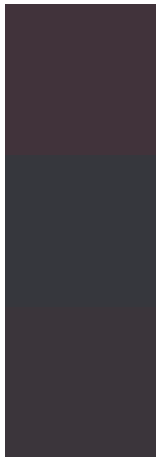


This preview shows how white text looks on a background with the Hex color 41333B.

# 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](#).

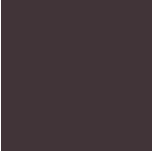
## Dichromacy



**Original Color**  
41333B

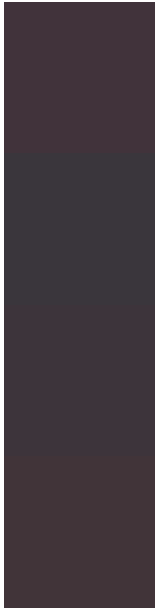
**Protanopia**  
36373D

**Deuteranopia**  
3B353B



**Tritanopia**  
413438

# Trichromacy



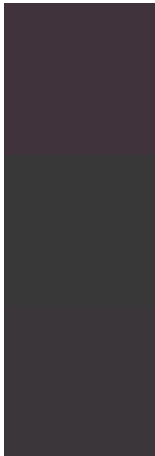
**Original Color**  
41333B

**Protanomaly**  
3A363C

**Deuteranomaly**  
3D343B

**Tritanomaly**  
413439

# Monochromacy



**Original Color**  
41333B

**Achromatopsia**  
383838

**Achromatomaly**  
3B3639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41333B 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 #41333B looks like.

```
.text, #text, p{  
    color:#41333B  
}
```

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 #41333B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41333B
}
```

## Border

The CSS property to change the border of an element to Hex 41333B is called "border". The border property can be set on classes, ids or directly on the HTML element.

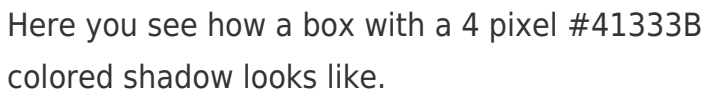
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41333B }
```

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

```
.border{ border-color:#41333B }
```

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



Here you see how a box with a 4 pixel #41333B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41333B; -webkit-box-shadow:4px 4px  
4px 4px #41333B; box-shadow:4px 4px 4px  
4px #41333B }
```

# Background

The CSS property to change the background color of an element to Hex 41333B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41333B }
```

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

```
.background{ background-color:#41333B }
```

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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