

# Converting Colors

Hex(4B333E)

Have a look what the booklet for  
Hex(4B333E) contains.

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# Color

**Hex(4B333E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B333E
RGB	75, 51, 62
RGB Percent	29%, 20%, 24%
CMY	0.7059, 0.8000, 0.7569
CMYK	0.00, 0.32, 0.17, 0.71
HSL	332°, 19%, 25%
HSV	332°, 32%, 29%
XYZ	4.9550, 4.2113, 5.1091
YIQ	59.4300, 10.7730, 8.5090

# Conversions

## Conversions Part 2

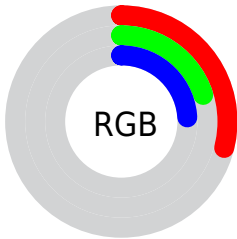
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 51, 62
Decimal	4928318
CIE <sub>Lab</sub>	24.36, 12.83, -2.55
CIE <sub>LCh</sub>	24, 13.078, 348.737
Yxy	4.2113, 0.3471, 0.2950
Android (android.graphics.Color)	4283118398 (0xFF4B333E)
YUV	59.4300, 1.2670, 13.6549
Hunter-Lab	20.5215, 7.1868, -0.3961

# Details

The Hex color **4B333E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334B40**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7C626D**, and **200614** is the 20% darker color. If you saturate the color by 10%, you get **4B2C3A**, and if you desaturate by 10%, it is **4B3B42**.

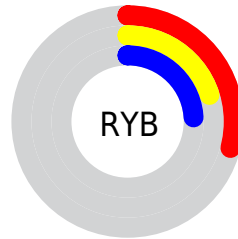
# Distribution



 Red (29%)

 Green (20%)

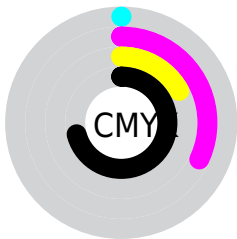
 Blue (24%)



 Red (29%)

 Yellow (20%)

 Blue (24%)

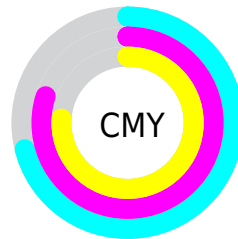


 Cyan (0%)

 Magenta (32%)

 Yellow (17%)

 Black (71%)



 Cyan (71%)

 Magenta (80%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B333E 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 4B333E by changing the saturation by 10% instead.





4B333E



4B333E

FFFFFF



341E28



7C626D



200614



967B87



000000



B194A1



CDAFBC



E9CBD8



FFE7F4



4B333E



4B333E



4B2C3A



4B3B42

 4B2436

 4B4246

 4B1D32

 4B4A4A

 4B152E

 4B514E

 4B0E2A

 4B5952

 4B0626

 4B6056

 4B0022

 4B685A

 4B6F5F

 4B7763

# Harmonies

## Analogous

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



433547



4B333E



4E3334

# Triad

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



4B333E



3B3B27



1E3E48

# Complementary

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



4B333E



334B40

# 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.



1C3F40



4B333E



2F3E2D

# Square

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



4B333E



443827



243F36



283C4D

# Rectangle

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



4B333E



4D342E



243F36



1C3F46



# Sweetspot

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



4B333E



61575C



40334B



302B2D



B0B0B0



303030



# Same Dimension

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



4B333E



613C4D



4B3433



262224



66002F



E60069



# Inverse Universe

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



4B333E



613C4D



334A4B



262224



66002F

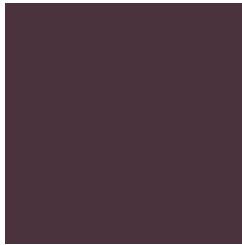


E60069



# Previews

## White Background



This preview shows how the Hex color 4B333E looks on a white background.

## Color Contrast Check

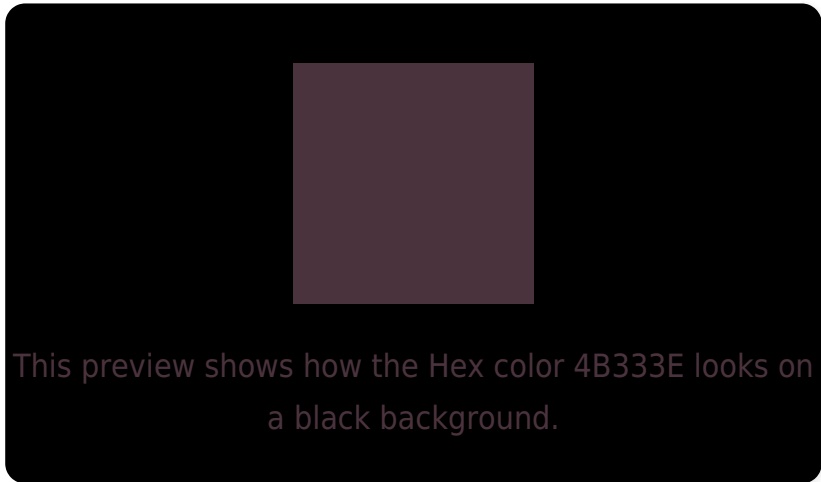
Large Text (above 18pt) WCAG AA ✓ Pass

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

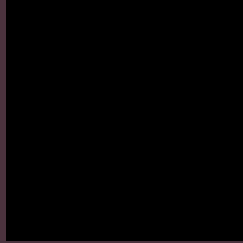
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B333E Background



This preview shows how black text looks on a background with the Hex color 4B333E.



This preview shows how white text looks on a background with the Hex color 4B333E.

# 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](#).

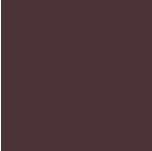
## Dichromacy



**Original Color**  
4B333E

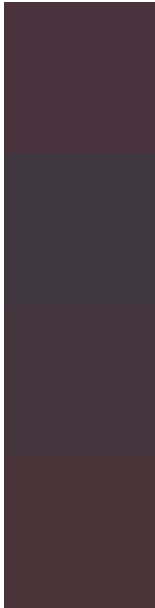
**Protanopia**  
393A42

**Deuteranopia**  
3E383D



**Tritanopia**  
4A3438

# Trichromacy



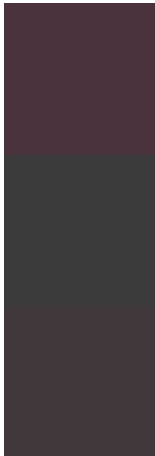
**Original Color**  
4B333E

**Protanomaly**  
403741

**Deuteranomaly**  
43363D

**Tritanomaly**  
4A343A

# Monochromacy



**Original Color**  
4B333E

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
41383C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B333E 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 #4B333E looks like.

```
.text, #text, p{  
    color:#4B333E  
}
```

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 #4B333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B333E
}
```

## Border

The CSS property to change the border of an element to Hex 4B333E 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".

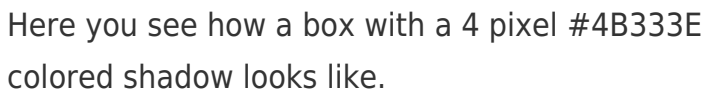
```
.border, #border, table{ border:4px solid
#4B333E }
```

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

```
.border{ border-color:#4B333E }
```

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

Here you see how a box with a 4 pixel #4B333E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B333E; -webkit-box-shadow:4px 4px  
4px 4px #4B333E; box-shadow:4px 4px 4px  
4px #4B333E }
```

# Background

The CSS property to change the background color of an element to Hex 4B333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B333E }
```

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

```
.background{ background-color:#4B333E }
```

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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