

# Converting Colors

Hex(33403B)

Have a look what the booklet for  
Hex(33403B) contains.

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# Color

**Hex(33403B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33403B
RGB	51, 64, 59
RGB Percent	20%, 25%, 23%
CMY	0.8000, 0.7490, 0.7686
CMYK	0.20, 0.00, 0.08, 0.75
HSL	157°, 11%, 23%
HSV	157°, 20%, 25%
XYZ	3.9881, 4.6864, 4.8320
YIQ	59.5430, -6.1430, -4.3110

# Conversions

## Conversions Part 2

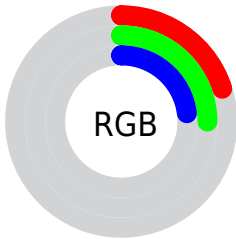
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 59, 64
Decimal	3358779
CIELab	25.82, -6.52, 1.30
CIELCh	26, 6.650, 168.745
Yxy	4.6864, 0.2953, 0.3470
Android (android.graphics.Color)	4281548859 (0xFF33403B)
YUV	59.5430, -0.2677, -7.4922
Hunter-Lab	21.6480, -5.0003, 1.9195

# Details

The Hex color **33403B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403338**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **62706A**, and **061611** is the 20% darker color. If you saturate the color by 10%, you get **2D4039**, and if you desaturate by 10%, it is **39403D**.

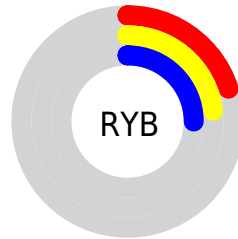
# Distribution



Red (20%)

Green (25%)

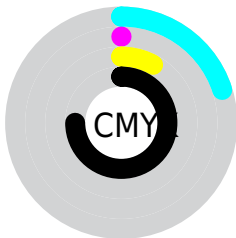
Blue (23%)



Red (20%)

Yellow (23%)

Blue (25%)

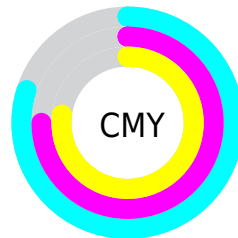


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33403B 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 33403B by changing the saturation by 10% instead.



■ 33403B

■ 33403B

FFFFFF

■ 1E2A25

■ 62706A

■ 061611

■ 7A8983

■ 000000

■ 94A39D

■ AFBEB8

■ CADAD4

■ E6F7F0

■ 33403B

■ 33403B

■ 2D4039

■ 39403D

■ 264036

■ 404040

■ 204034

■ 464042

■ 194031

■ 4D4045

■ 13402F

■ 534047

■ 0D402C

■ 59404A

■ 06402A

■ 60404C

■ 004027

■ 66404F

■ 6D4051

# Harmonies

## Analogous

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



383F36



33403B



304040

# Triad

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



33403B



3C3C47



473B36

# Complementary

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



33403B



403338

# 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.



483A3A



33403B



423B44

# Square

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



33403B



353E47



463A3F



433C33

# Rectangle

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



33403B



304043



463A3F



473A37



# Sweetspot

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



33403B



4F5452



384033



282B2A



ABABAB



2B2B2B



# Same Dimension

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



33403B



40544C



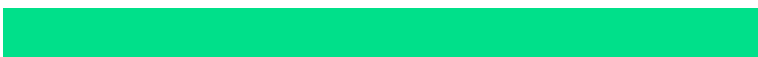
333F40



1E2120



00613C



00E08A



# Inverse Universe

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



403338



544048



403433



211E1F



610025

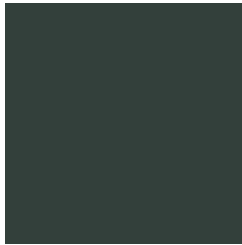


E00056



# Previews

## White Background



This preview shows how the Hex color 33403B looks on a white background.

## Color Contrast Check

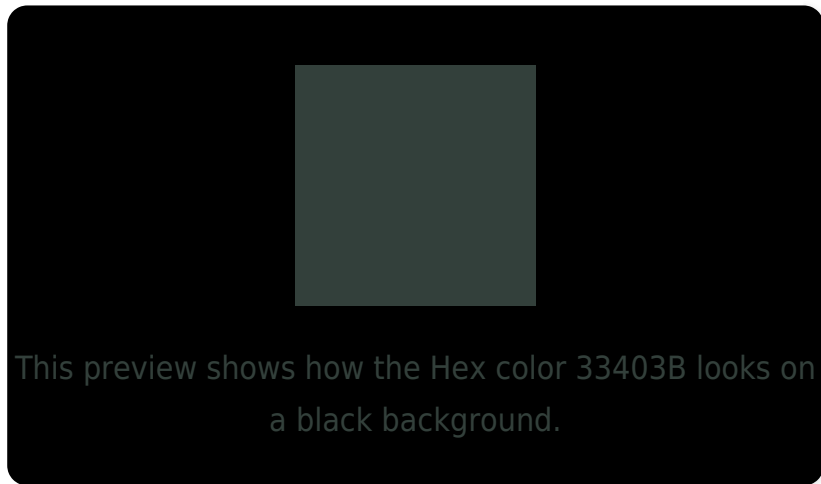
Large Text (above 18pt) WCAG AA ✓ Pass

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

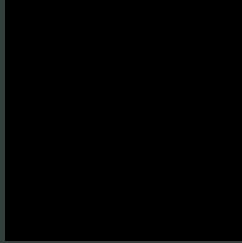
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 33403B Background



This preview shows how black text looks on a background with the Hex color 33403B.



This preview shows how white text looks on a background with the Hex color 33403B.

# 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**  
33403B

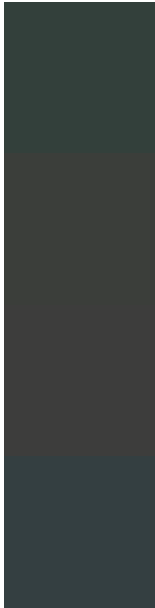
**Protanopia**  
3F3D39

**Deuteranopia**  
433B3C



**Tritanopia**  
353F44

# Trichromacy



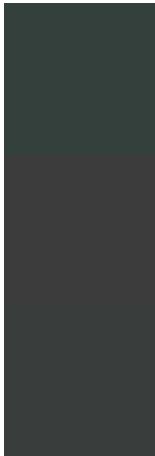
**Original Color**  
33403B

**Protanomaly**  
3B3E3A

**Deuteranomaly**  
3D3D3C

**Tritanomaly**  
343F41

# Monochromacy



**Original Color**  
33403B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
393D3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33403B 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 #33403B looks like.

```
.text, #text, p{  
    color:#33403B  
}
```

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 #33403B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33403B
}
```

## Border

The CSS property to change the border of an element to Hex 33403B 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
#33403B }
```

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

```
.border{ border-color:#33403B }
```

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

Here you see how a box with a 4 pixel #33403B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33403B; -webkit-box-shadow:4px 4px  
4px 4px #33403B; box-shadow:4px 4px 4px  
4px #33403B }
```

# Background

The CSS property to change the background color of an element to Hex 33403B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33403B }
```

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

```
.background{ background-color:#33403B }
```

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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