

Converting Colors

Hex(33403D)

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

Hex(33403D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33403D)

Conversions

Conversions Part 1

Format	Color
Hex	33403D
RGB	51, 64, 61
RGB Percent	20%, 25%, 24%
CMY	0.8000, 0.7490, 0.7608
CMYK	0.20, 0.00, 0.05, 0.75
HSL	166°, 11%, 23%
HSV	166°, 20%, 25%
XYZ	4.0409, 4.7075, 5.1105
YIQ	59.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

Format	Color
RYB	51, 58, 64
Decimal	3358781
CIELab	25.88, -6.03, 0.07
CIELCh	26, 6.029, 179.323
Yxy	4.7075, 0.2916, 0.3397
Android (android.graphics.Color)	4281548861 (0xFF33403D)
YUV	59.7710, 0.6059, -7.6922
Hunter-Lab	21.6968, -4.7246, 1.2224

Details

The Hex color **33403D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403336**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **62706C**, and **061613** is the 20% darker color. If you saturate the color by 10%, you get **2D403C**, and if you desaturate by 10%, it is **39403E**.

Distribution



 Red (20%)

 Green (25%)

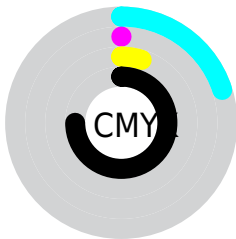
 Blue (24%)



 Red (20%)

 Yellow (23%)

 Blue (25%)

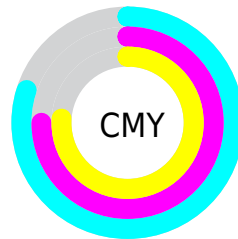


 Cyan (20%)

 Magenta (0%)

 Yellow (5%)

 Black (75%)



 Cyan (80%)

 Magenta (75%)

 Yellow (76%)

Brightness & Saturation Gradients

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

■ 33403D

■ 33403D

FFFFFF

■ 1E2A27

■ 62706C

■ 061613

■ 7A8986

■ 000000

■ 94A3A0

■ AFBEBB

■ CADAD6

■ E7F7F3

■ 33403D

■ 33403D

■ 2D403C

■ 39403E

■ 26403A

■ 404040

■ 204039

■ 464041

■ 194037

■ 4D4043

■ 134036

■ 534044

■ 0D4034

■ 594046

■ 064033

■ 604047

■ 004031

■ 664049

■ 6D404A

Harmonies

Analogous

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



373F38



33403D



324042

Triad

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



33403D



3E3C45



453B36

Complementary

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



33403D



403336

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.



473A39



33403D



433B42

Square

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



33403D



383E46



463A3E



413D34

Rectangle

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



33403D



333F44



463A3E



463B37

Sweetspot

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



33403D



4F5453



364033



282B2B



ABABAB



2B2B2B

Same Dimension

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



33403D



40544F



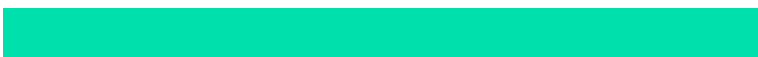
333D40



1E2120



00614B



00E0AD

Inverse Universe

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



403336



544045



403633



211E1F



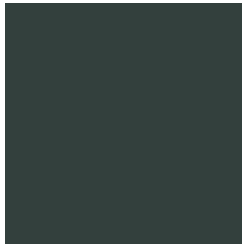
610016



E00034

Previews

White Background



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

Color Contrast Check

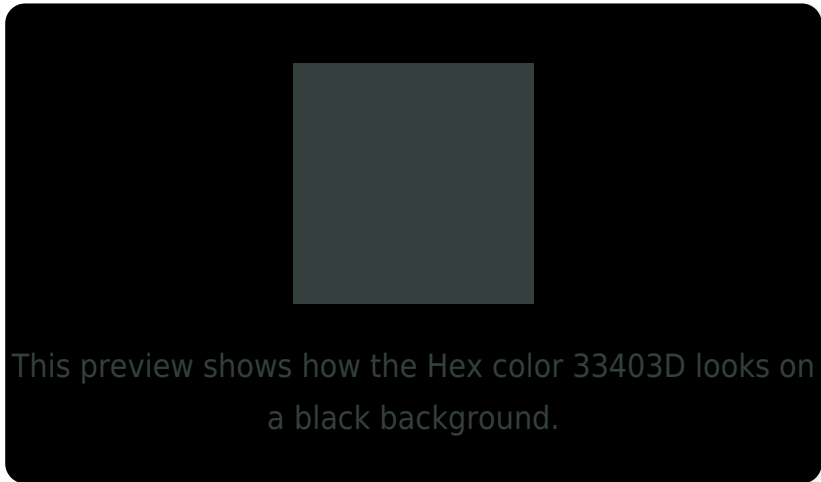
Large Text (above 18pt) WCAG AA ✓ Pass

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

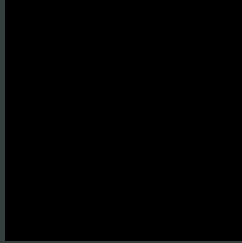
Any Text WCAG AA × Fail

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 33403D Background



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

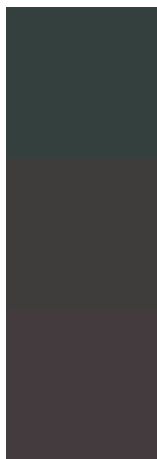


This preview shows how white text looks on a background with the Hex color 33403D.

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
33403D

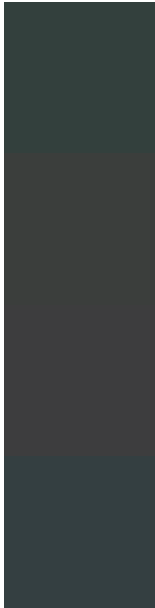
Protanopia
3F3D3B

Deuteranopia
433B3E



Tritanopia
343F44

Trichromacy



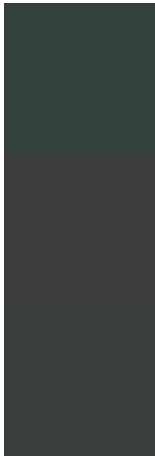
Original Color
33403D

Protanomaly
3B3E3C

Deuteranomaly
3D3D3E

Tritanomaly
343F41

Monochromacy



Original Color
33403D

Achromatopsia
3C3C3C

Achromatomaly
393D3C

CSS Examples

Text

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

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

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 #33403D colored shadow looks like.

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

Border

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

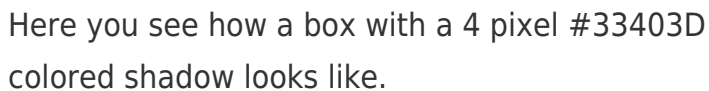
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33403D }
```

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

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

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



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

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

Background

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

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

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

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

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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