

Converting Colors

Hex(40373D)

Have a look what the booklet for
Hex(40373D) contains.

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Color

Hex(40373D)

Conversions

Conversions Part 1

Format	Color
Hex	40373D
RGB	64, 55, 61
RGB Percent	25%, 22%, 24%
CMY	0.7490, 0.7843, 0.7608
CMYK	0.00, 0.14, 0.05, 0.75
HSL	320°, 8%, 23%
HSV	320°, 14%, 25%
XYZ	4.3228, 4.1593, 4.9899
YIQ	58.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

Format	Color
RYB	64, 55, 61
Decimal	4208445
CIELab	24.19, 5.24, -2.28
CIELCh	24, 5.712, 336.513
Yxy	4.1593, 0.3209, 0.3087
Android (android.graphics.Color)	4282398525 (0xFF40373D)
YUV	58.3750, 1.2941, 4.9331
Hunter-Lab	20.3943, 2.1453, -0.2304

Details

The Hex color **40373D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37403A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **70666C**, and **160B13** is the 20% darker color. If you saturate the color by 10%, you get **40313B**, and if you desaturate by 10%, it is **403D3F**.

Distribution



Red (25%)

Green (22%)

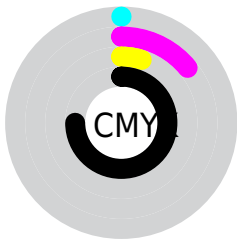
Blue (24%)



Red (25%)

Yellow (22%)

Blue (24%)



Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40373D 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 40373D by changing the saturation by 10% instead.



40373D



40373D

FFFFFF



2A2227



70666C



160B13



897F86



000000



A399A0



BFB3BB



DACFD6



F7EBF3



40373D



40373D



40313B



403D3F

■ 402A39

■ 404441

■ 402437

■ 404A43

■ 401D34

■ 405146

■ 401732

■ 405748

■ 401130

■ 405D4A

■ 400A2E

■ 40644C

■ 40042C

■ 406A4E

■ 40002B

■ 407150

Harmonies

Analogous

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



3C3840



40373D



423739

Triad

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



40373D



3C3931



2F3C3E

Complementary

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



40373D



37403A

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.



2F3C3A



40373D



373B33

Square

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



40373D



403832



323C36



313B41

Rectangle

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



40373D



433736



323C36



2F3C3D

Sweetspot

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



40373D



545153



3A3740



2B292B



ABABAB



2B2B2B

Same Dimension

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



40373D



54464F



403739



211E20



610041



E00096

Inverse Universe

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



40373D



54464F



37403F



211E20



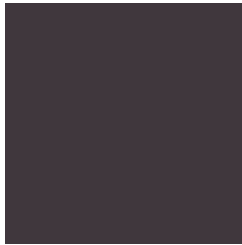
610041



E00096

Previews

White Background



This preview shows how the Hex color 40373D looks on a white background.

Color Contrast Check

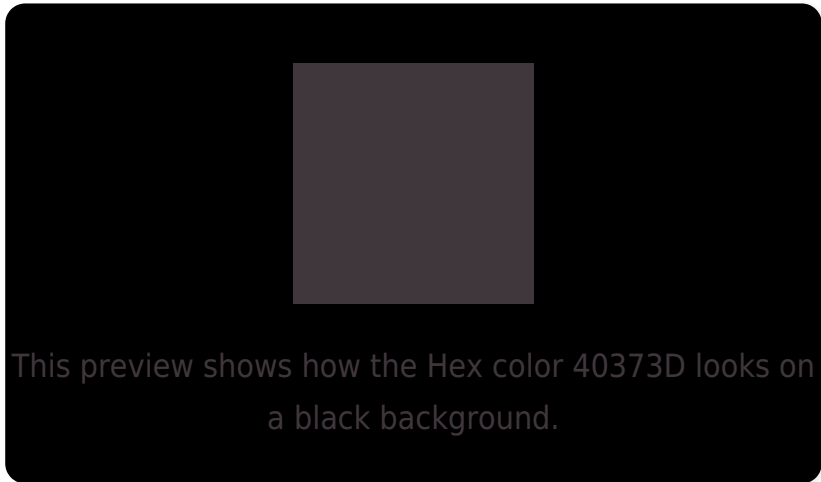
Large Text (above 18pt) WCAG AA ✓ Pass

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

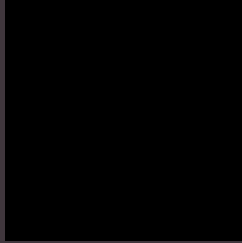
Any Text WCAG AA × Fail

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 40373D Background



This preview shows how black text looks on a background with the Hex color 40373D.



This preview shows how white text looks on a background with the Hex color 40373D.

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
40373D

Protanopia
39393E

Deuteranopia
3E383D



Tritanopia
40373C

Trichromacy



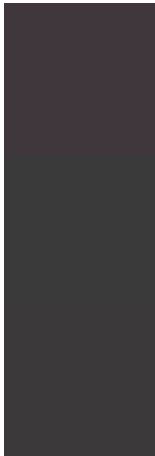
Original Color
40373D

Protanomaly
3C383E

Deuteranomaly
3F383D

Tritanomaly
40373C

Monochromacy



Original Color
40373D

Achromatopsia
3A3A3A

Achromatomaly
3C393B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40373D 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 #40373D looks like.

```
.text, #text, p{  
    color:#40373D  
}
```

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 #40373D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40373D
}
```

Border

The CSS property to change the border of an element to Hex 40373D is called "border". The border property can be set on classes, ids or directly on the HTML element.

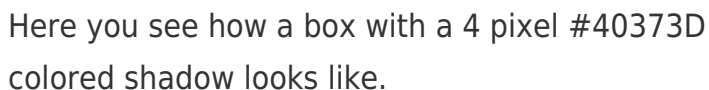
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40373D }
```

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

```
.border{ border-color:#40373D }
```

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



Here you see how a box with a 4 pixel #40373D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40373D; -webkit-box-shadow:4px 4px  
4px 4px #40373D; box-shadow:4px 4px 4px  
4px #40373D }
```

Background

The CSS property to change the background color of an element to Hex 40373D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40373D }
```

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

```
.background{ background-color:#40373D }
```

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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