

Converting Colors

Hex(37443B)

Have a look what the booklet for
Hex(37443B) contains.

Hex(37443B)	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(37443B)

Conversions

Conversions Part 1

Format	Color
Hex	37443B
RGB	55, 68, 59
RGB Percent	22%, 27%, 23%
CMY	0.7843, 0.7333, 0.7686
CMYK	0.19, 0.00, 0.13, 0.73
HSL	138°, 11%, 24%
HSV	138°, 19%, 27%
XYZ	4.4321, 5.2622, 4.9198
YIQ	63.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

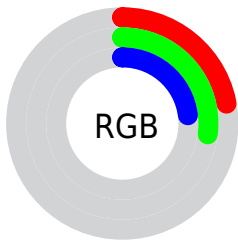
Format	Color
RYB	55, 65, 68
Decimal	3621947
CIELab	27.47, -7.40, 3.71
CIELCh	27, 8.279, 153.360
Yxy	5.2622, 0.3033, 0.3601
Android (android.graphics.Color)	4281812027 (0xFF37443B)
YUV	63.0870, -2.0149, -7.0923
Hunter-Lab	22.9396, -5.6568, 3.3419

Details

The Hex color **37443B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443740**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **66746A**, and **0C1911** is the 20% darker color. If you saturate the color by 10%, you get **304436**, and if you desaturate by 10%, it is **3E4440**.

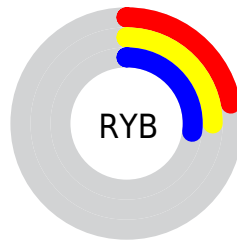
Distribution



Red (22%)

Green (27%)

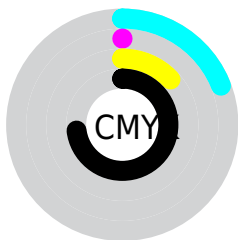
Blue (23%)



Red (22%)

Yellow (25%)

Blue (27%)

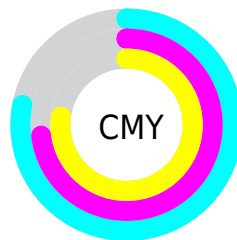


Cyan (19%)

Magenta (0%)

Yellow (13%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37443B 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 37443B by changing the saturation by 10% instead.



37443B



37443B

FFFFFF



212E25



66746A



0C1911



7F8E83



000000



99A89D



B4C3B8



CFDFD4



ECFCF0



37443B



37443B



304436



3E4440

■ 294432

■ 454444

■ 23442D

■ 4B4449

■ 1C4428

■ 52444E

■ 154423

■ 594453

■ 0E441F

■ 604457

■ 07441A

■ 67445C

■ 014415

■ 6D4461

■ 004415

■ 744465

Harmonies

Analogous

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



3E4336



37443B



324541

Triad

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



37443B



3B414D



4E3D3A

Complementary

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



37443B



443740

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.



4E3C40



37443B



433F4B

Square

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



37443B



34434C



4A3D47



4B3F36

Rectangle

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



37443B



304446



4A3D47



4E3D3C

Sweetspot

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



37443B



545956



404437



2B2E2C



ADADAD



2E2E2E

Same Dimension

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



37443B



45594B



374441



1E211F



00611E



00E045

Inverse Universe

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



443740



594553



44373A



211E20



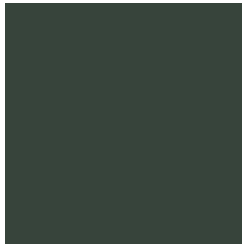
610043



E0009B

Previews

White Background



This preview shows how the Hex color 37443B looks on a white background.

Color Contrast Check

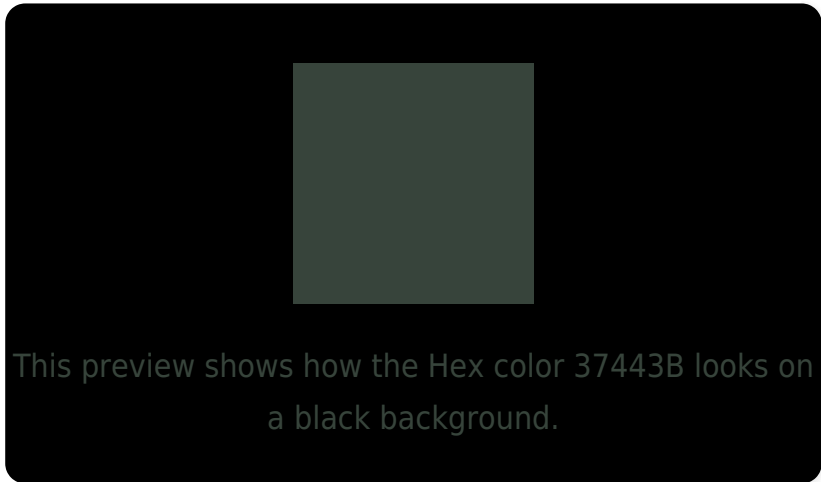
Large Text (above 18pt) WCAG AA ✓ Pass

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

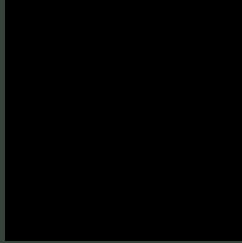
Any Text WCAG AA × Fail

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 37443B Background



This preview shows how black text looks on a background with the Hex color 37443B.



This preview shows how white text looks on a background with the Hex color 37443B.

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
37443B

Protanopia
444139

Deuteranopia
493E3C



Tritanopia
394247

Trichromacy



Original Color

37443B

Protanomaly

3F423A

Deuteranomaly

42403C

Tritanomaly

384343

Monochromacy



Original Color

37443B

Achromatopsia

3F3F3F

Achromatomaly

3C413E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37443B 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 #37443B looks like.

```
.text, #text, p{  
    color:#37443B  
}
```

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 #37443B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37443B
}
```

Border

The CSS property to change the border of an element to Hex 37443B is called "border". The border property can be set on classes, ids or directly on the HTML element.

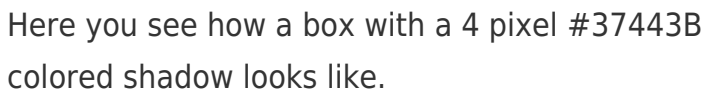
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37443B }
```

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

```
.border{ border-color:#37443B }
```

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



Here you see how a box with a 4 pixel #37443B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37443B; -webkit-box-shadow:4px 4px  
4px 4px #37443B; box-shadow:4px 4px 4px  
4px #37443B }
```

Background

The CSS property to change the background color of an element to Hex 37443B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37443B }
```

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

```
.background{ background-color:#37443B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor