

Converting Colors

Hex(383C40)

Have a look what the booklet for
Hex(383C40) contains.

| | |
|--|----|
| Hex(383C40) | 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(383C40)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 383C40 |
| RGB | 56, 60, 64 |
| RGB Percent | 22%, 24%, 25% |
| CMY | 0.7804, 0.7647, 0.7490 |
| CMYK | 0.12, 0.06, 0.00, 0.75 |
| HSL | 210°, 7%, 24% |
| HSV | 210°, 12%, 25% |
| XYZ | 4.1722, 4.4426, 5.4881 |
| YIQ | 59.2600, -3.6680, 0.3960 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 56, 59, 64 |
| Decimal | 3685440 |
| CIE _{Lab} | 25.08, -0.71, -3.04 |
| CIE _{LCh} | 25, 3.125, 256.910 |
| Yxy | 4.4426, 0.2958, 0.3150 |
| Android (android.graphics.Color) | 4281875520 (0xFF383C40) |
| YUV | 59.2600, 2.3368, -2.8590 |
| Hunter-Lab | 21.0776, -1.5529, -0.6834 |

Details

The Hex color **383C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403C38**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **676B70**, and **0D1216** is the 20% darker color. If you saturate the color by 10%, you get **323940**, and if you desaturate by 10%, it is **3E3F40**.

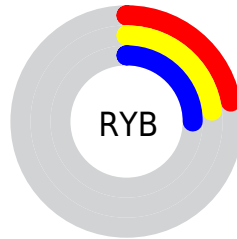
Distribution



Red (22%)

Green (24%)

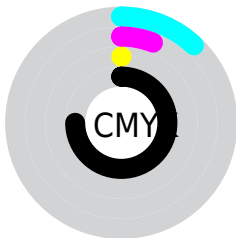
Blue (25%)



Red (22%)

Yellow (23%)

Blue (25%)

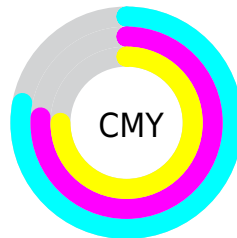


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383C40 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 383C40 by changing the saturation by 10% instead.

■ 383C40

■ 383C40

FFFFFF

■ 23262A

■ 676B70

■ 0D1216

■ 808489

■ 000000

■ 9A9FA3

■ B5B9BE

■ D0D5DA

■ EDF1F7

■ 383C40

■ 383C40

■ 323940

■ 3E3F40

■ 2B3640

■ 454240

■ 253240

■ 4B4640

■ 1E2F40

■ 524940

■ 182C40

■ 584C40

■ 122940

■ 5E4F40

■ 0B2640

■ 655240

■ 052240

■ 6B5640

■ 002040

■ 725940

Harmonies

Analogous

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



363D3F



383C40



3B3B40

Triad

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



383C40



413A3A



393C38

Complementary

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



383C40



403C38

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.



3C3C37



383C40



403A38

Square

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



383C40



403A3D



3F3B37



373D3A

Rectangle

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



383C40



3D3B3F



3F3B37



3A3C38

Sweetspot

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



383C40



515254



38403C



292A2B



ABABAB



2B2B2B

Same Dimension

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



383C40



484E54



383840



1E1F21



003061



0070E0

Inverse Universe

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



40383C



54484E



404038



211E1F



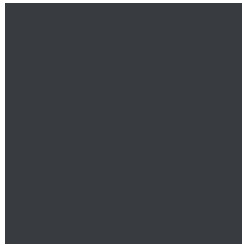
610030



E00070

Previews

White Background



This preview shows how the Hex color 383C40 looks on a white background.

Color Contrast Check

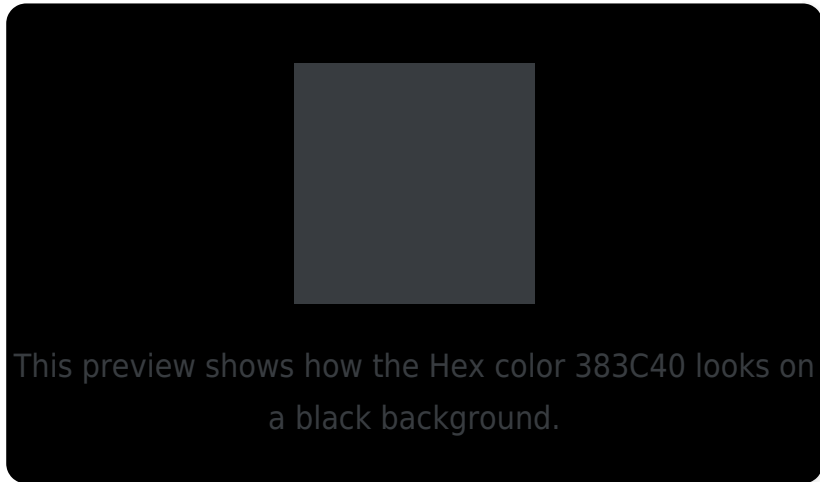
Large Text (above 18pt) WCAG AA ✓ Pass

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

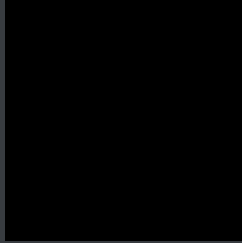
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

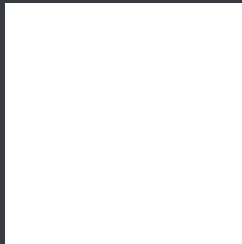
Any Text WCAG AAA × Fail

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

Hex 383C40 Background



This preview shows how black text looks on a background with the Hex color 383C40.

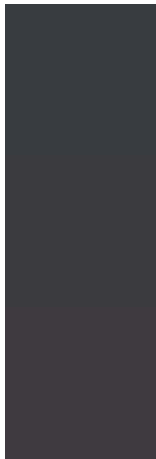


This preview shows how white text looks on a background with the Hex color 383C40.

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](#).

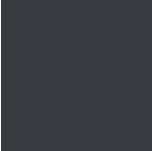
Dichromacy



Original Color
383C40

Protanopia
3B3B3F

Deuteranopia
3F3A40



Tritanopia
383C41

Trichromacy



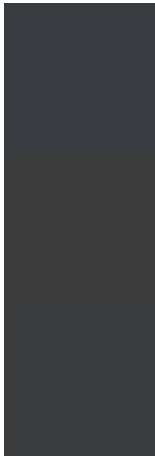
Original Color
383C40

Protanomaly
3A3B3F

Deuteranomaly
3C3B40

Tritanomaly
383C41

Monochromacy



Original Color
383C40

Achromatopsia
3B3B3B

Achromatomaly
3A3B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 383C40 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 #383C40 looks like.

```
.text, #text, p{  
    color:#383C40  
}
```

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 #383C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383C40  
}
```

Border

The CSS property to change the border of an element to Hex 383C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

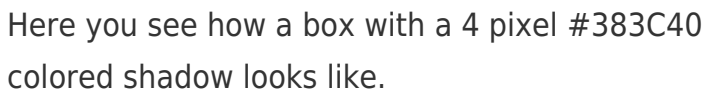
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#383C40 }
```

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

```
.border{ border-color:#383C40 }
```

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



Here you see how a box with a 4 pixel #383C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383C40; -webkit-box-shadow:4px 4px  
4px 4px #383C40; box-shadow:4px 4px 4px  
4px #383C40 }
```

Background

The CSS property to change the background color of an element to Hex 383C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383C40 }
```

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

```
.background{ background-color:#383C40 }
```

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