

Converting Colors

Hex(383A43)

Have a look what the booklet for
Hex(383A43) contains.

Hex(383A43)	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(383A43)

Conversions

Conversions Part 1

Format	Color
Hex	383A43
RGB	56, 58, 67
RGB Percent	22%, 23%, 26%
CMY	0.7804, 0.7725, 0.7373
CMYK	0.16, 0.13, 0.00, 0.74
HSL	229°, 9%, 24%
HSV	229°, 16%, 26%
XYZ	4.1571, 4.2721, 5.9157
YIQ	58.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

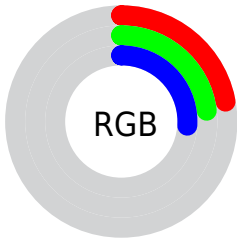
Format	Color
R_{YB}	56, 58, 67
Decimal	3684931
CIE Lab	24.55, 1.37, -5.83
CIE LCh	25, 5.993, 283.259
Yxy	4.2721, 0.2898, 0.2978
Android (android.graphics.Color)	4281875011 (0xFF383A43)
YUV	58.4280, 4.2260, -2.1294
Hunter-Lab	20.6691, -0.2702, -2.5010

Details

The Hex color **383A43** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **434138**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **676973**, and **0D0F18** is the 20% darker color. If you saturate the color by 10%, you get **313543**, and if you desaturate by 10%, it is **3F3F43**.

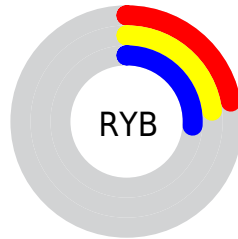
Distribution



Red (22%)

Green (23%)

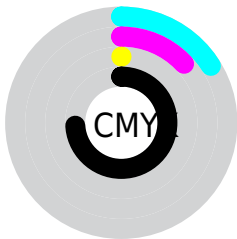
Blue (26%)



Red (22%)

Yellow (23%)

Blue (26%)

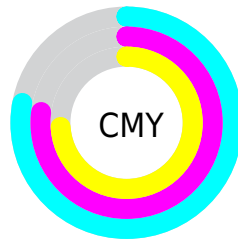


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (74%)



Cyan (78%)

Magenta (77%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383A43 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 383A43 by changing the saturation by 10% instead.

■ 383A43

■ 383A43

FFFFFF

■ 22242D

■ 676973

■ 0D0F18

■ 80828C

■ 000000

■ 9A9CA7

■ B5B7C2

■ D0D3DE

■ EDEFFA

■ 383A43

■ 383A43

■ 313543

■ 3F3F43

■ 2B2F43

■ 454543

■ 242A43

■ 4C4A43

■ 1D2443

■ 535043

■ 161F43

■ 5A5543

■ 101943

■ 605B43

■ 091443

■ 676043

■ 020E43

■ 6E6643

■ 000C43

■ 746B43

Harmonies

Analogous

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



333B43



383A43



3E3941

Triad

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



383A43



433834



323D38

Complementary

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



383A43



434138

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.



373C34



383A43



403932

Square

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



383A43



443738



3C3B32



2F3D3C

Rectangle

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



383A43



41383E



3C3B32



333D36

Sweetspot

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



383A43



525357



384341



29292B



ABABAB



2B2B2B

Same Dimension

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



383A43



454957



3B3843



1E1E21



001261



0029E0

Inverse Universe

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



43383A



574549



404338



211E1E



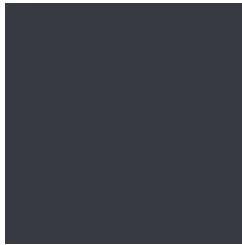
610012



E00029

Previews

White Background



This preview shows how the Hex color 383A43 looks on a white background.

Color Contrast Check

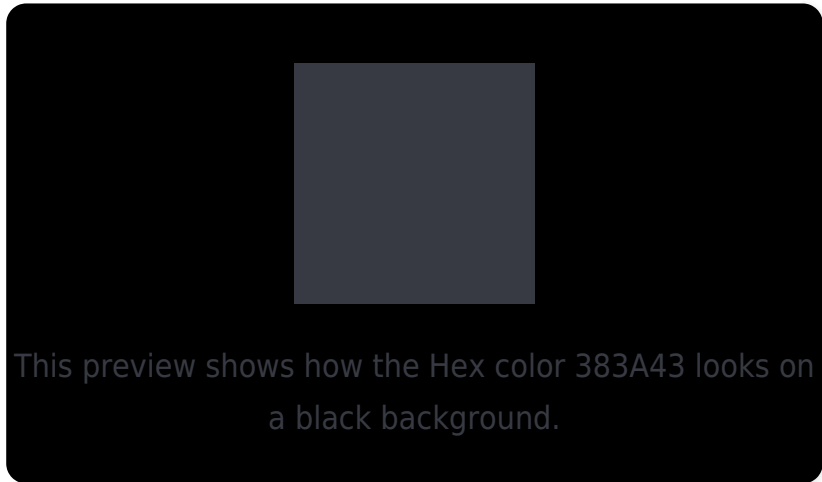
Large Text (above 18pt) WCAG AA ✓ Pass

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

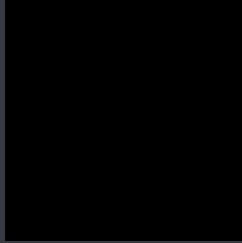
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

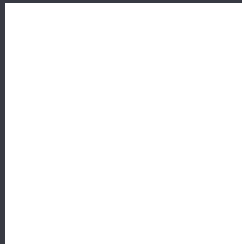
Any Text WCAG AAA × Fail

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

Hex 383A43 Background



This preview shows how black text looks on a background with the Hex color 383A43.



This preview shows how white text looks on a background with the Hex color 383A43.

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
383A43

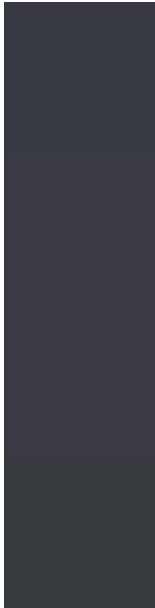
Protanopia
393A43

Deuteranopia
3C3943



Tritanopia
373B3F

Trichromacy



Original Color

383A43

Protanomaly

393A43

Deuteranomaly

3B3943

Tritanomaly

373B40

Monochromacy



Original Color

383A43

Achromatopsia

3A3A3A

Achromatomaly

393A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 383A43 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 #383A43 looks like.

```
.text, #text, p{  
    color:#383A43  
}
```

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 #383A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383A43
}
```

Border

The CSS property to change the border of an element to Hex 383A43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

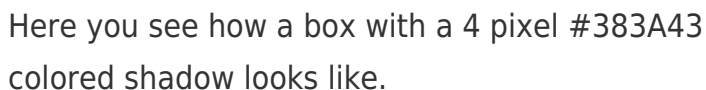
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383A43 }
```

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

```
.border{ border-color:#383A43 }
```

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



Here you see how a box with a 4 pixel #383A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383A43; -webkit-box-shadow:4px 4px  
4px 4px #383A43; box-shadow:4px 4px 4px  
4px #383A43 }
```

Background

The CSS property to change the background color of an element to Hex 383A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383A43 }
```

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

```
.background{ background-color:#383A43 }
```

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