

Converting Colors

Hex(3D383A)

Have a look what the booklet for
Hex(3D383A) contains.

Hex(3D383A)	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(3D383A)

Conversions

Conversions Part 1

Format	Color
Hex	3D383A
RGB	61, 56, 58
RGB Percent	24%, 22%, 23%
CMY	0.7608, 0.7804, 0.7725
CMYK	0.00, 0.08, 0.05, 0.76
HSL	336°, 4%, 23%
HSV	336°, 8%, 24%
XYZ	4.1024, 4.1259, 4.5832
YIQ	57.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

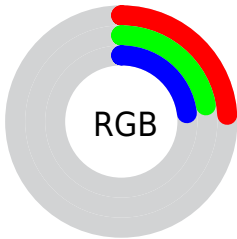
Format	Color
RYB	61, 56, 58
Decimal	4012090
CIELab	24.08, 2.62, -0.46
CIELCh	24, 2.656, 349.980
Yxy	4.1259, 0.3202, 0.3221
Android (android.graphics.Color)	4282202170 (0xFF3D383A)
YUV	57.7230, 0.1366, 2.8739
Hunter-Lab	20.3124, 0.5038, 0.8409

Details

The Hex color **3D383A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383D3B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6C6769**, and **130D0F** is the 20% darker color. If you saturate the color by 10%, you get **3D3236**, and if you desaturate by 10%, it is **3D3E3E**.

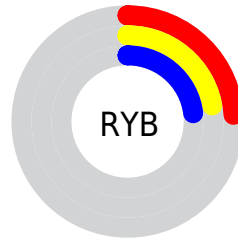
Distribution



Red (24%)

Green (22%)

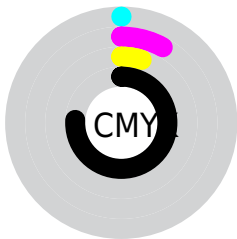
Blue (23%)



Red (24%)

Yellow (22%)

Blue (23%)

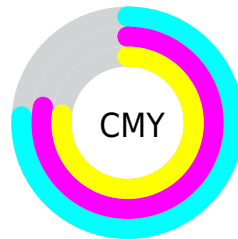


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D383A 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 3D383A by changing the saturation by 10% instead.

■ 3D383A

■ 3D383A

FFFFFF

■ 272324

■ 6C6769

■ 130D0F

■ 868082

■ 000000

■ A09A9C

■ BBB5B7

■ D6D0D3

■ F3ECEB

■ 3D383A

■ 3D383A

■ 3D3236

■ 3D3E3E

■ 3D2C33

■ 3D4441

■ 3D262F

■ 3D4A45

■ 3D202B

■ 3D5049

■ 3D1928

■ 3D574C

■ 3D1324

■ 3D5D50

■ 3D0D20

■ 3D6354

■ 3D071D

■ 3D6957

■ 3D0119

■ 3D6F5B

Harmonies

Analogous

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



3B383C



3D383A



3E3838

Triad

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



3D383A



393A36



353A3C

Complementary

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



3D383A



383D3B

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.



343A3B



3D383A



373A37

Square

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



3D383A



3C3935



353A38



373A3D

Rectangle

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



3D383A



3E3837



353A38



353A3C

Sweetspot

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



3D383A



4F4D4E



3B383D



292828



A8A8A8



292929

Same Dimension

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



3D383A



4F474A



3D3938



1F1C1D



5E0026



DE0059

Inverse Universe

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



3D383A



4F474A



383D3D



1F1C1D



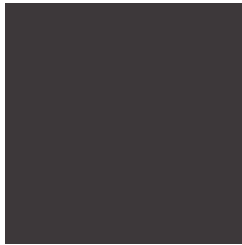
5E0026



DE0059

Previews

White Background



This preview shows how the Hex color 3D383A looks on a white background.

Color Contrast Check

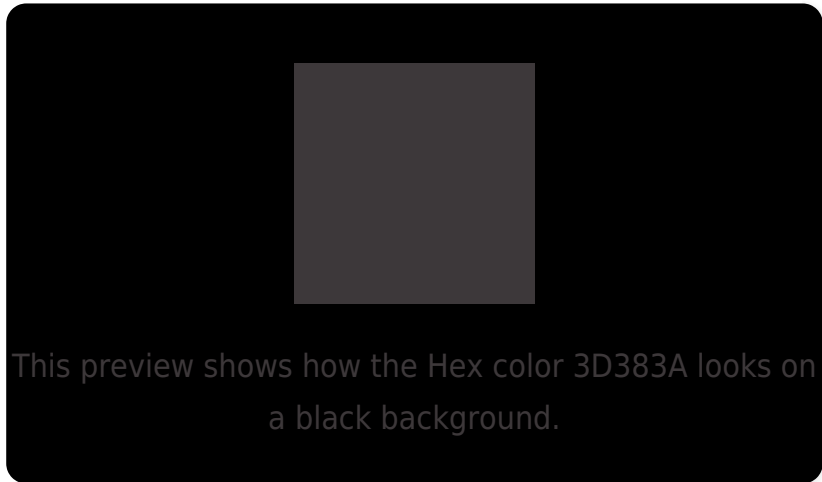
Large Text (above 18pt) WCAG AA ✓ Pass

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

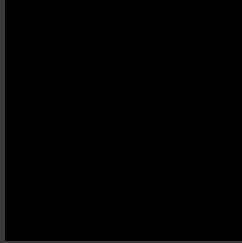
Any Text WCAG AA × Fail

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 3D383A Background



This preview shows how black text looks on a background with the Hex color 3D383A.

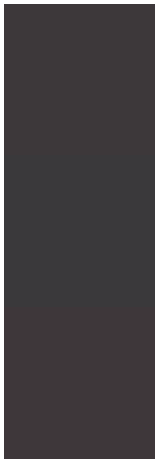


This preview shows how white text looks on a background with the Hex color 3D383A.

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
3D383A

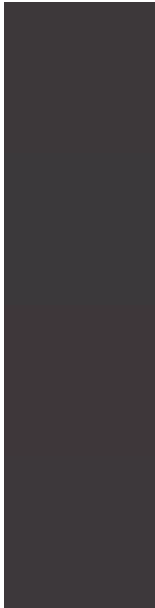
Protanopia
3A393B

Deuteranopia
3E373A



Tritanopia
3D383C

Trichromacy



Original Color

3D383A

Protanomaly

3B393B

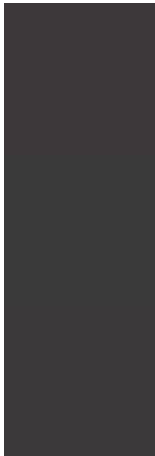
Deuteranomaly

3E373A

Tritanomaly

3D383B

Monochromacy



Original Color

3D383A

Achromatopsia

3A3A3A

Achromatomaly

3B393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D383A 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 #3D383A looks like.

```
.text, #text, p{  
    color:#3D383A  
}
```

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 #3D383A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D383A
}
```

Border

The CSS property to change the border of an element to Hex 3D383A is called "border". The border property can be set on classes, ids or directly on the HTML element.

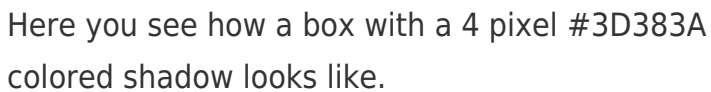
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D383A }
```

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

```
.border{ border-color:#3D383A }
```

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



Here you see how a box with a 4 pixel #3D383A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D383A; -webkit-box-shadow:4px 4px  
4px 4px #3D383A; box-shadow:4px 4px 4px  
4px #3D383A }
```

Background

The CSS property to change the background color of an element to Hex 3D383A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D383A }
```

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

```
.background{ background-color:#3D383A }
```

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