

Converting Colors

Hex(383234)

Have a look what the booklet for
Hex(383234) contains.

Hex(383234)	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(383234)

Conversions

Conversions Part 1

Format	Color
Hex	383234
RGB	56, 50, 52
RGB Percent	22%, 20%, 20%
CMY	0.7804, 0.8039, 0.7961
CMYK	0.00, 0.11, 0.07, 0.78
HSL	340°, 6%, 21%
HSV	340°, 11%, 22%
XYZ	3.3913, 3.3699, 3.7205
YIQ	52.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

Format	Color
RYB	56, 50, 52
Decimal	3682868
CIELab	21.47, 3.11, -0.30
CIELCh	21, 3.120, 354.490
Yxy	3.3699, 0.3235, 0.3215
Android (android.graphics.Color)	4281872948 (0xFF383234)
YUV	52.0220, -0.0108, 3.4887
Hunter-Lab	18.3573, 0.8509, 0.8336

Details

The Hex color **383234** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323836**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **676062**, and **0D0306** is the 20% darker color. If you saturate the color by 10%, you get **382C30**, and if you desaturate by 10%, it is **383838**.

Distribution



Red (22%)

Green (20%)

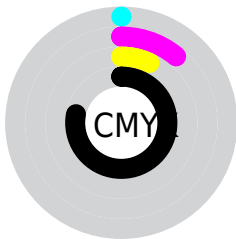
Blue (20%)



Red (22%)

Yellow (20%)

Blue (20%)



Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383234 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 383234 by changing the saturation by 10% instead.

■ 383234

■ 383234

FFFFFF

■ 231D1F

■ 676062

■ 0D0306

■ 80797B

■ 000000

■ 9A9395

■ B5ADB0

■ D0C9CB

■ ECE5E7

■ 383234

■ 383234

■ 382C30

■ 383838

■ 38272D

■ 383D3B

■ 382129

■ 38433F

■ 381C25

■ 384843

■ 381621

■ 384E47

■ 38101E

■ 38544A

■ 380B1A

■ 38594E

■ 380516

■ 385F52

■ 380013

■ 386456

Harmonies

Analogous

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



363236



383234



393232

Triad

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



383234



33342F



2F3437

Complementary

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



383234



323836

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.



2E3535



383234



313531

Square

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



383234



36332F



2F3533



313438

Rectangle

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



383234



383230



2F3533



2E3537

Sweetspot

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



383234



4A4848



363238



262525



A6A6A6



262626

Same Dimension

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



383234



4A4044



383332



1C191A



5C001F



DB0049

Inverse Universe

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



383234



4A4044



323738



1C191A



5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 383234 looks on a white background.

Color Contrast Check

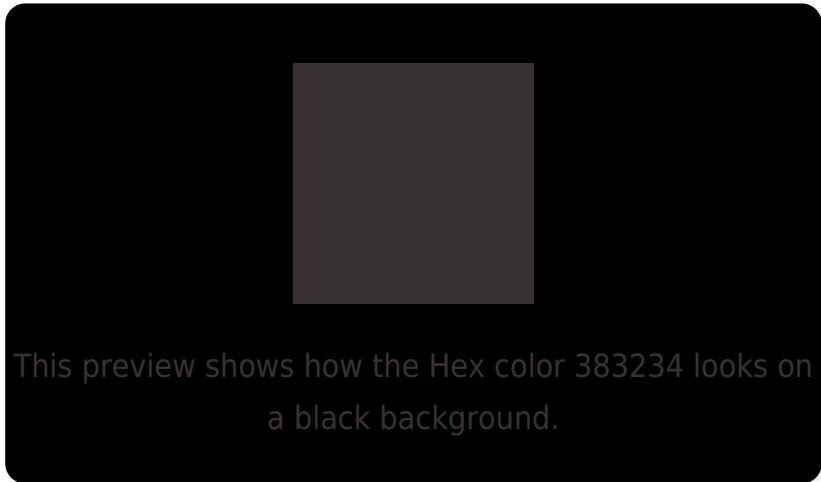
Large Text (above 18pt) WCAG AA ✓ Pass

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

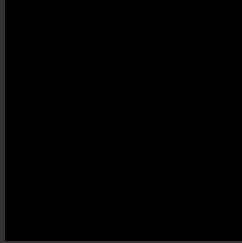
Any Text WCAG AA × Fail

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 383234 Background



This preview shows how black text looks on a background with the Hex color 383234.

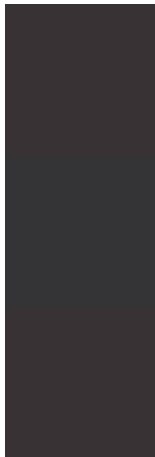


This preview shows how white text looks on a background with the Hex color 383234.

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
383234

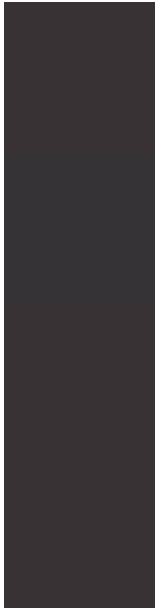
Protanopia
343335

Deuteranopia
383234



Tritanopia
383236

Trichromacy



Original Color

383234

Protanomaly

353335

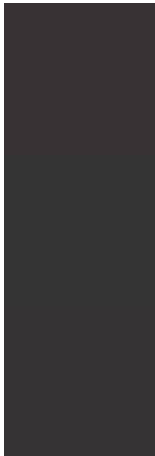
Deuteranomaly

383234

Tritanomaly

383235

Monochromacy



Original Color

383234

Achromatopsia

343434

Achromatomaly

353334

CSS Examples

Text

The CSS property to change the color of the text to Hex 383234 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 #383234 looks like.

```
.text, #text, p{  
    color:#383234  
}
```

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 #383234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383234
}
```

Border

The CSS property to change the border of an element to Hex 383234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

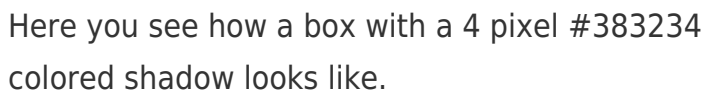
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383234 }
```

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

```
.border{ border-color:#383234 }
```

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



Here you see how a box with a 4 pixel #383234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383234; -webkit-box-shadow:4px 4px  
4px 4px #383234; box-shadow:4px 4px 4px  
4px #383234 }
```

Background

The CSS property to change the background color of an element to Hex 383234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383234 }
```

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

```
.background{ background-color:#383234 }
```

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