

Converting Colors

Hex(383325)

Have a look what the booklet for
Hex(383325) contains.

Hex(383325)	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(383325)

Conversions

Conversions Part 1

Format	Color
Hex	383325
RGB	56, 51, 37
RGB Percent	22%, 20%, 15%
CMY	0.7804, 0.8000, 0.8549
CMYK	0.00, 0.09, 0.34, 0.78
HSL	44°, 20%, 18%
HSV	44°, 34%, 22%
XYZ	3.1486, 3.3420, 2.2294
YIQ	50.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

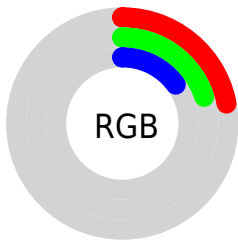
Format	Color
RYB	44, 56, 37
Decimal	3683109
CIELab	21.36, -0.47, 9.71
CIELCh	21, 9.718, 92.780
Yxy	3.3420, 0.3611, 0.3833
Android (android.graphics.Color)	4281873189 (0xFF383325)
YUV	50.8990, -6.8522, 4.4736
Hunter-Lab	18.2811, -1.2479, 5.5663

Details

The Hex color **383325** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252A38**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **676152**, and **060500** is the 20% darker color. If you saturate the color by 10%, you get **38321F**, and if you desaturate by 10%, it is **38342B**.

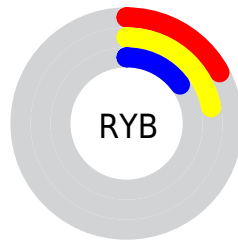
Distribution



Red (22%)

Green (20%)

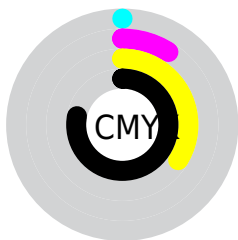
Blue (15%)



Red (17%)

Yellow (22%)

Blue (15%)

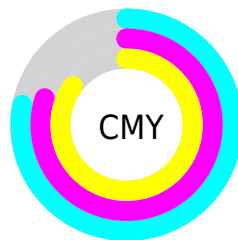


Cyan (0%)

Magenta (9%)

Yellow (34%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383325 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 383325 by changing the saturation by 10% instead.



383325



383325

FFFFFF



221E10



676152



060500



807A6A



000000



9A9483



B5AE9D



D1CAB8



EDE6D4



FFFFF0



383325



383325

■ 38321F

■ 38342B

■ 38301A

■ 383630

■ 382F14

■ 383736

■ 382D0F

■ 38393B

■ 382C09

■ 383A41

■ 382A03

■ 383C47

■ 382900

■ 383D4C

■ 383F52

■ 384057

Harmonies

Analogous

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



3E3127



383325



303527

Triad

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



383325



1F373B



3D2F3A

Complementary

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



383325



252A38

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.



35313F



383325



233640

Square

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



383325



213734



2C3441



412E33

Rectangle

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



383325



2B362A



2C3441



3B303C

Sweetspot

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



383325



4A4843



38252A



262522



A6A6A6



262626

Same Dimension

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



383325



4A422C



343825



1C1B19



5C4400



DBA200

Inverse Universe

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



252A38



2C344A



292538



191A1C



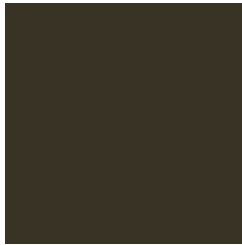
00185C



003ADB

Previews

White Background



This preview shows how the Hex color 383325 looks on a white background.

Color Contrast Check

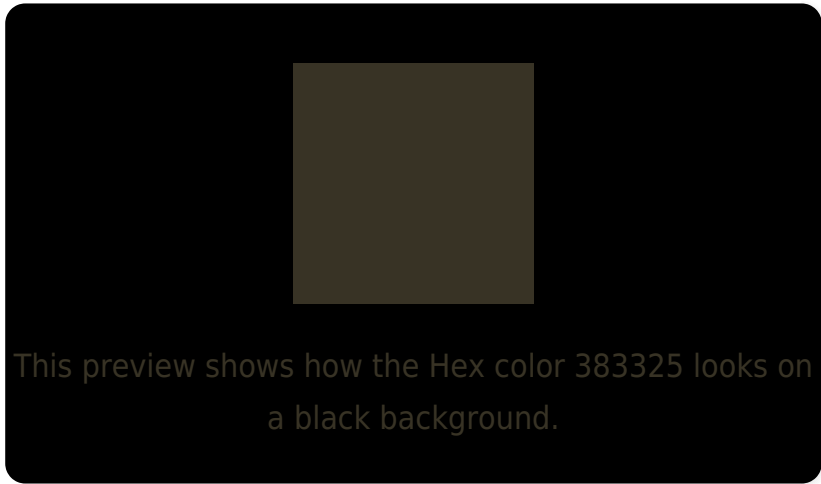
Large Text (above 18pt) WCAG AA ✓ Pass

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

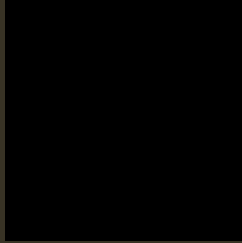
Any Text WCAG AA × Fail

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 383325 Background



This preview shows how black text looks on a background with the Hex color 383325.

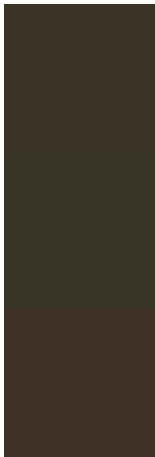


This preview shows how white text looks on a background with the Hex color 383325.

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
383325

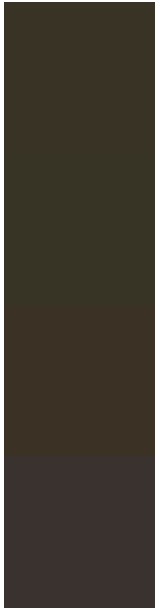
Protanopia
373325

Deuteranopia
3D3125



Tritanopia
3A3135

Trichromacy



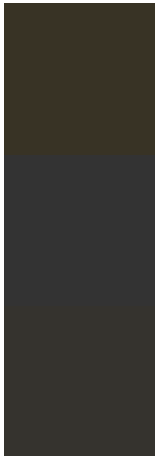
Original Color
383325

Protanomaly
373325

Deuteranomaly
3B3225

Tritanomaly
39322F

Monochromacy



Original Color
383325

Achromatopsia
333333

Achromatomaly
35332E

CSS Examples

Text

The CSS property to change the color of the text to Hex 383325 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 #383325 looks like.

```
.text, #text, p{  
    color:#383325  
}
```

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 #383325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383325
}
```

Border

The CSS property to change the border of an element to Hex 383325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

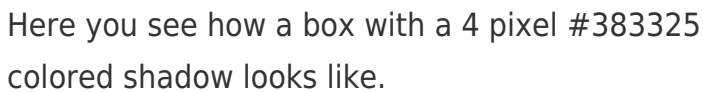
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383325 }
```

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

```
.border{ border-color:#383325 }
```

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



Here you see how a box with a 4 pixel #383325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383325; -webkit-box-shadow:4px 4px  
4px 4px #383325; box-shadow:4px 4px 4px  
4px #383325 }
```

Background

The CSS property to change the background color of an element to Hex 383325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383325 }
```

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

```
.background{ background-color:#383325 }
```

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