

Converting Colors

Hex(383131)

Have a look what the booklet for
Hex(383131) contains.

Hex(383131)	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(383131)

Conversions

Conversions Part 1

Format	Color
Hex	383131
RGB	56, 49, 49
RGB Percent	22%, 19%, 19%
CMY	0.7804, 0.8078, 0.8078
CMYK	0.00, 0.13, 0.13, 0.78
HSL	0°, 7%, 21%
HSV	0°, 12%, 22%
XYZ	3.2836, 3.2591, 3.3617
YIQ	51.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

Format	Color
R_{YB}	56, 49, 49
Decimal	3682609
CIE _{Lab}	21.05, 3.13, 1.14
CIE _{LCh}	21, 3.334, 20.027
Yxy	3.2591, 0.3315, 0.3291
Android (android.graphics.Color)	4281872689 (0xFF383131)
YUV	51.0930, -1.0318, 4.3034
Hunter-Lab	18.0531, 0.8736, 1.5965

Details

The Hex color **383131** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313838**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **675F5F**, and **0D0101** is the 20% darker color. If you saturate the color by 10%, you get **382B2B**, and if you desaturate by 10%, it is **383737**.

Distribution



Red (22%)

Green (19%)

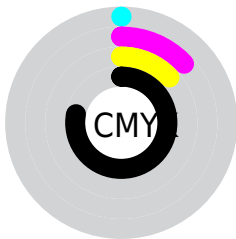
Blue (19%)



Red (22%)

Yellow (19%)

Blue (19%)



Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (78%)



Cyan (78%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383131 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 383131 by changing the saturation by 10% instead.

■ 383131

■ 383131

FFFFFF

■ 231C1C

■ 675F5F

■ 0D0101

■ 807878

■ 000000

■ 9A9191

■ B5ACAC

■ D0C7C7

■ EDE3E3

■ 383131

■ 383131

■ 382B2B

■ 383737

■ 382626

■ 383C3C

■ 382020

■ 384242

■ 381B1B

■ 384747

■ 381515

■ 384D4D

■ 380F0F

■ 385353

■ 380A0A

■ 385858

■ 380404

■ 385E5E

■ 380000

■ 386363

Harmonies

Analogous

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



373134



383131



37312F

Triad

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



383131



30342F



2F3337

Complementary

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



383131



313838

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.



2D3436



383131



2E3432

Square

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



383131



33332E



2D3434



323237

Rectangle

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



383131



36322E



2D3434



2E3337

Sweetspot

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



383131



4A4747



383138



262424



A6A6A6



262626

Same Dimension

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



383131



4A3F3F



383531



1C1919



5C0000



DB0000

Inverse Universe

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



313838



3F4A4A



313538



191C1C



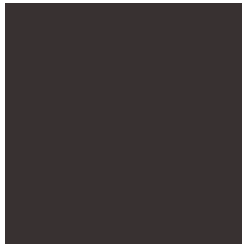
005C5C



00DBDB

Previews

White Background



This preview shows how the Hex color 383131 looks on a white background.

Color Contrast Check

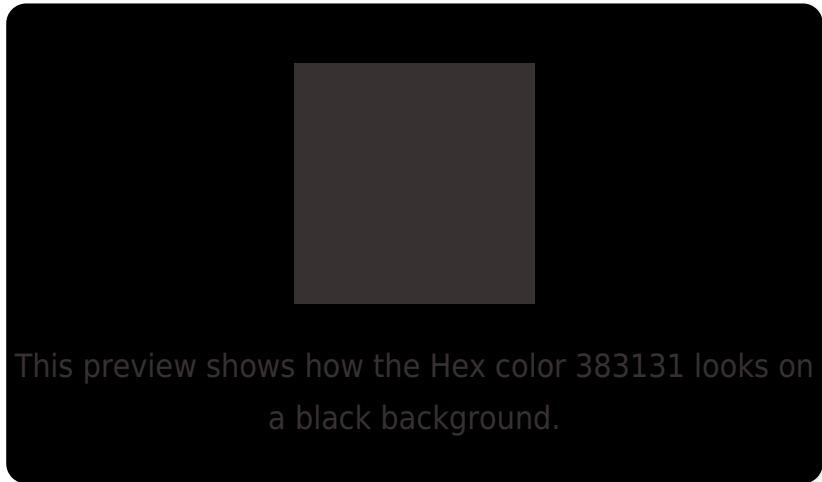
Large Text (above 18pt) WCAG AA ✓ Pass

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

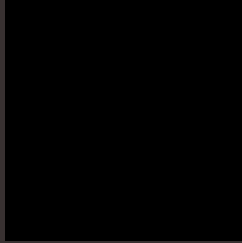
Any Text WCAG AA × Fail

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 383131 Background



This preview shows how black text looks on a background with the Hex color 383131.

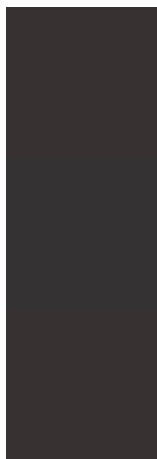


This preview shows how white text looks on a background with the Hex color 383131.

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
383131

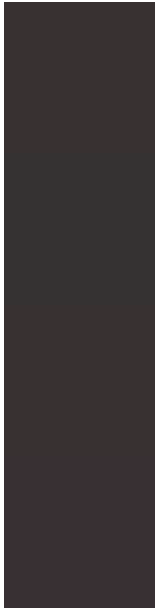
Protanopia
343232

Deuteranopia
383131



Tritanopia
383034

Trichromacy



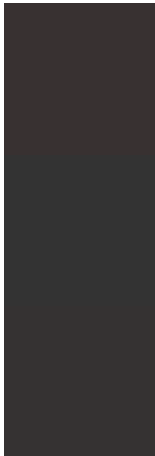
Original Color
383131

Protanomaly
353232

Deuteranomaly
383131

Tritanomaly
383033

Monochromacy



Original Color
383131

Achromatopsia
333333

Achromatomaly
353232

CSS Examples

Text

The CSS property to change the color of the text to Hex 383131 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 #383131 looks like.

```
.text, #text, p{  
    color:#383131  
}
```

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 #383131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383131
}
```

Border

The CSS property to change the border of an element to Hex 383131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

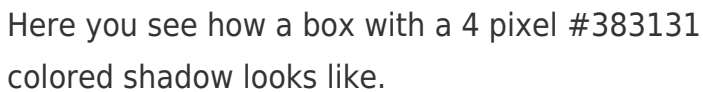
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383131 }
```

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

```
.border{ border-color:#383131 }
```

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



Here you see how a box with a 4 pixel #383131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383131; -webkit-box-shadow:4px 4px  
4px 4px #383131; box-shadow:4px 4px 4px  
4px #383131 }
```

Background

The CSS property to change the background color of an element to Hex 383131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383131 }
```

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

```
.background{ background-color:#383131 }
```

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