

Converting Colors

Hex(383531)

Have a look what the booklet for
Hex(383531) contains.

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Color

Hex(383531)

Conversions

Conversions Part 1

Format	Color
Hex	383531
RGB	56, 53, 49
RGB Percent	22%, 21%, 19%
CMY	0.7804, 0.7922, 0.8078
CMYK	0.00, 0.05, 0.13, 0.78
HSL	34°, 7%, 21%
HSV	34°, 12%, 22%
XYZ	3.4584, 3.6087, 3.4200
YIQ	53.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

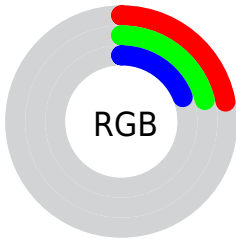
Format	Color
R_{YB}	54, 56, 49
Decimal	3683633
CIE _{Lab}	22.33, 0.45, 2.99
CIE _{LCh}	22, 3.023, 81.348
Yxy	3.6087, 0.3298, 0.3441
Android (android.graphics.Color)	4281873713 (0xFF383531)
YUV	53.4410, -2.1894, 2.2442
Hunter-Lab	18.9966, -0.7478, 2.6235

Details

The Hex color **383531** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313438**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **67635F**, and **0D0801** is the 20% darker color. If you saturate the color by 10%, you get **38332B**, and if you desaturate by 10%, it is **383737**.

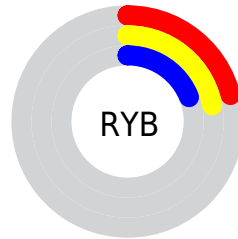
Distribution



Red (22%)

Green (21%)

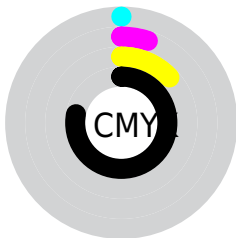
Blue (19%)



Red (21%)

Yellow (22%)

Blue (19%)

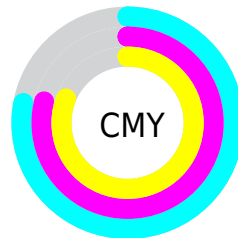


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (78%)



Cyan (78%)

Magenta (79%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383531 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 383531 by changing the saturation by 10% instead.

■ 383531

■ 383531

FFFFFF

■ 23201C

■ 67635F

■ 0D0801

■ 807C78

■ 000000

■ 9A9691

■ B5B1AC

■ D0CCC7

■ ECE8E3

■ 383531

■ 383531

■ 38332B

■ 383737

■ 383026

■ 383A3C

■ 382E20

■ 383C42

■ 382B1B

■ 383F47

■ 382915

■ 38414D

■ 38270F

■ 384353

■ 38240A

■ 384658

■ 382204

■ 38485E

■ 382000

■ 384B63

Harmonies

Analogous

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



3A3432



383531



363631

Triad

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



383531



303737



383438

Complementary

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



383531



313438

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.



35353A



383531



313639

Square

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



383531



313735



32363A



3A3436

Rectangle

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



383531



343632



32363A



373539

Sweetspot

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



383531



4A4947



383134



262524



A6A6A6



262626

Same Dimension

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



383531



4A453F



383831



1C1B19



5C3400



DB7D00

Inverse Universe

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



313438



3F444A



313138



191A1C



00275C



005EDB

Previews

White Background



This preview shows how the Hex color 383531 looks on a white background.

Color Contrast Check

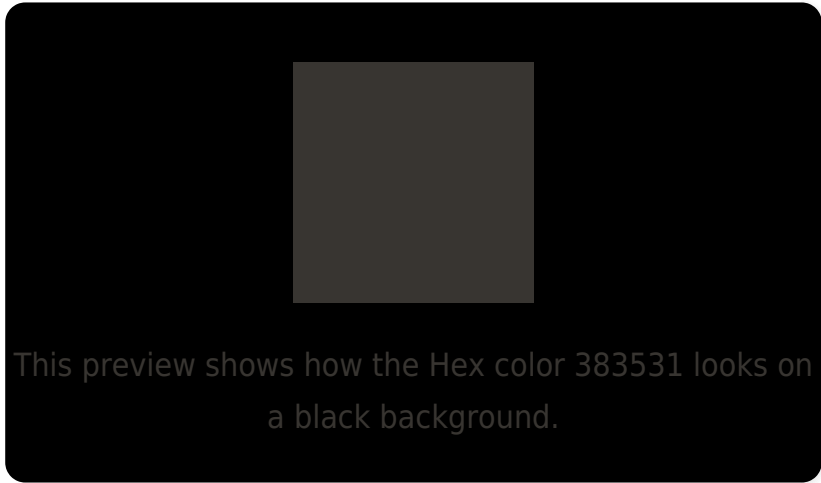
Large Text (above 18pt) WCAG AA ✓ Pass

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

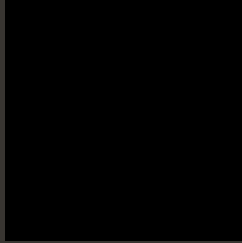
Any Text WCAG AA × Fail

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 383531 Background



This preview shows how black text looks on a background with the Hex color 383531.



This preview shows how white text looks on a background with the Hex color 383531.

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
383531

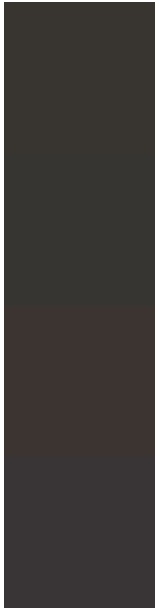
Protanopia
373531

Deuteranopia
3C3431



Tritanopia
393438

Trichromacy



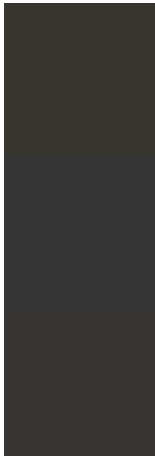
Original Color
383531

Protanomaly
373531

Deuteranomaly
3B3431

Tritanomaly
393435

Monochromacy



Original Color
383531

Achromatopsia
353535

Achromatomaly
363534

CSS Examples

Text

The CSS property to change the color of the text to Hex 383531 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 #383531 looks like.

```
.text, #text, p{  
    color:#383531  
}
```

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 #383531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383531
}
```

Border

The CSS property to change the border of an element to Hex 383531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

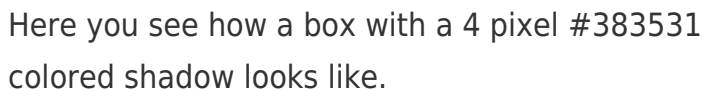
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383531 }
```

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

```
.border{ border-color:#383531 }
```

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



Here you see how a box with a 4 pixel #383531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383531; -webkit-box-shadow:4px 4px  
4px 4px #383531; box-shadow:4px 4px 4px  
4px #383531 }
```

Background

The CSS property to change the background color of an element to Hex 383531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383531 }
```

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

```
.background{ background-color:#383531 }
```

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](#).

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