

Converting Colors

Hex(383738)

Have a look what the booklet for
Hex(383738) contains.

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Color

Hex(383738)

Conversions

Conversions Part 1

Format	Color
Hex	383738
RGB	56, 55, 56
RGB Percent	22%, 22%, 22%
CMY	0.7804, 0.7843, 0.7804
CMYK	0.00, 0.02, 0.00, 0.78
HSL	300°, 1%, 22%
HSV	300°, 2%, 22%
XYZ	3.7109, 3.8587, 4.2906
YIQ	55.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R_YB	56, 55, 56
Decimal	3684152
CIE Lab	23.20, 0.66, -0.47
CIE LCh	23, 0.816, 324.396
Yxy	3.8587, 0.3129, 0.3253
Android (android.graphics.Color)	4281874232 (0xFF383738)
YUV	55.4130, 0.2894, 0.5148
Hunter-Lab	19.6435, -0.6553, 0.8001

Details

The Hex color **383738** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373837**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **676667**, and **0D0B0D** is the 20% darker color. If you saturate the color by 10%, you get **383138**, and if you desaturate by 10%, it is **383D38**.

Distribution



Red (22%)

Green (22%)

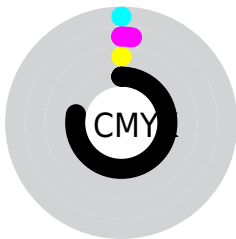
Blue (22%)



Red (22%)

Yellow (22%)

Blue (22%)



Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383738 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 383738 by changing the saturation by 10% instead.

■ 383738

■ 383738

FFFFFF

■ 232223

■ 676667

■ 0D0B0D

■ 807F80

■ 000000

■ 9A999A

■ B5B3B5

■ D0CFD0

■ ECEBEC

■ 383738

■ 383738

■ 383138

■ 383D38

■ 382C38

■ 384238

■ 382638

■ 384838

■ 382138

■ 384D38

■ 381B38

■ 385338

■ 381538

■ 385938

■ 381038

■ 385E38

■ 380A38

■ 386438

■ 380538

■ 386938

Harmonies

Analogous

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



373738



383738



393737

Triad

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



383738



383736



363838

Complementary

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



383738



373837

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.



363837



383738



373736

Square

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



383738



383736



373837



363838

Rectangle

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



383738



393737



373837



363838

Sweetspot

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



383738



4A494A



373738



262626



A6A6A6

Same Dimension

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



383738



4A484A



1C1B1C



5C005C



DB00DB

Inverse Universe

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



383738



4A484A



373838



1C1B1C



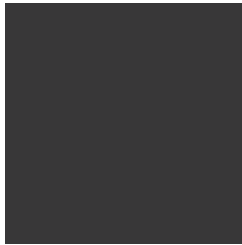
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 383738 looks on a white background.

Color Contrast Check

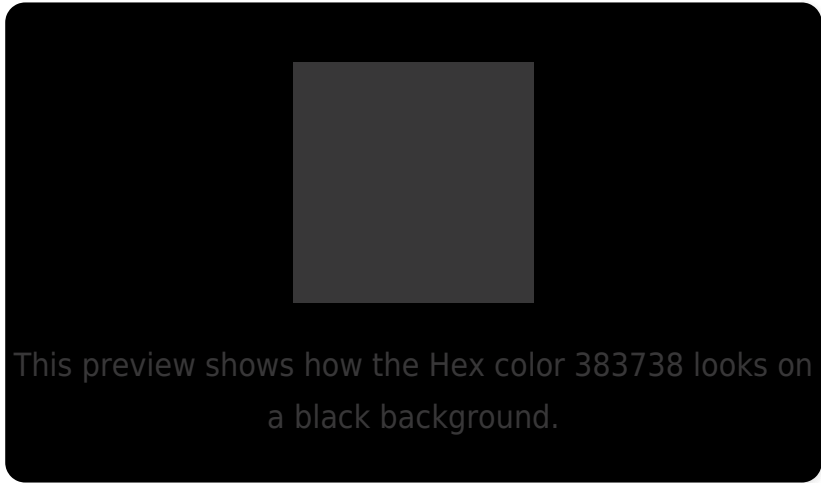
Large Text (above 18pt) WCAG AA ✓ Pass

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

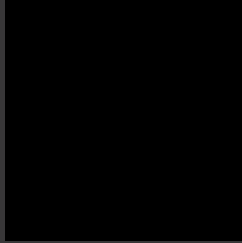
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

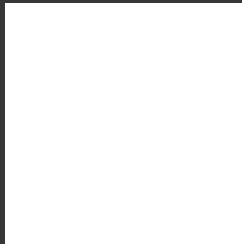
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 383738 Background



This preview shows how black text looks on a background with the Hex color 383738.



This preview shows how white text looks on a background with the Hex color 383738.

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
383738

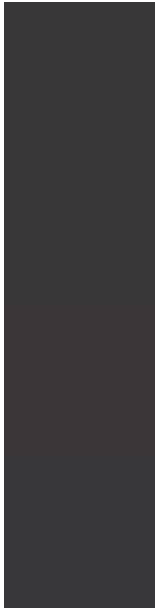
Protanopia
383738

Deuteranopia
3C3638



Tritanopia
38373B

Trichromacy



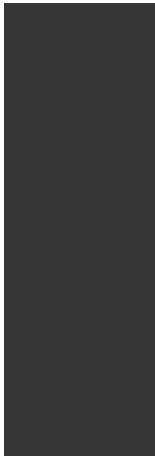
Original Color
383738

Protanomaly
383738

Deuteranomaly
3B3638

Tritanomaly
38373A

Monochromacy



Original Color
383738

Achromatopsia
373737

Achromatomaly
373737

CSS Examples

Text

The CSS property to change the color of the text to Hex 383738 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 #383738 looks like.

```
.text, #text, p{  
    color:#383738  
}
```

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 #383738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383738
}
```

Border

The CSS property to change the border of an element to Hex 383738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

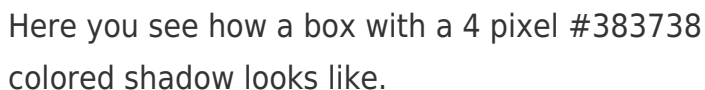
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383738 }
```

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

```
.border{ border-color:#383738 }
```

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



Here you see how a box with a 4 pixel #383738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383738; -webkit-box-shadow:4px 4px  
4px 4px #383738; box-shadow:4px 4px 4px  
4px #383738 }
```

Background

The CSS property to change the background color of an element to Hex 383738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383738 }
```

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

```
.background{ background-color:#383738 }
```

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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