

Converting Colors

Hex(383236)

Have a look what the booklet for
Hex(383236) contains.

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Color

Hex(383236)

Conversions

Conversions Part 1

Format	Color
Hex	383236
RGB	56, 50, 54
RGB Percent	22%, 20%, 21%
CMY	0.7804, 0.8039, 0.7882
CMYK	0.00, 0.11, 0.04, 0.78
HSL	320°, 6%, 21%
HSV	320°, 11%, 22%
XYZ	3.4373, 3.3883, 3.9629
YIQ	52.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

Format	Color
R_YB	56, 50, 54
Decimal	3682870
CIE Lab	21.54, 3.55, -1.56
CIE LCh	22, 3.881, 336.272
Yxy	3.3883, 0.3186, 0.3141
Android (android.graphics.Color)	4281872950 (0xFF383236)
YUV	52.2500, 0.8628, 3.2888
Hunter-Lab	18.4073, 1.1199, 0.1207

Details

The Hex color **383236** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323834**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **676065**, and **0D030A** is the 20% darker color. If you saturate the color by 10%, you get **382C34**, and if you desaturate by 10%, it is **383838**.

Distribution



Red (22%)

Green (20%)

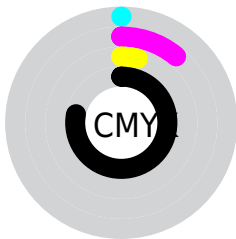
Blue (21%)



Red (22%)

Yellow (20%)

Blue (21%)



Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383236 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 383236 by changing the saturation by 10% instead.

■ 383236

■ 383236

FFFFFF

■ 231D21

■ 676065

■ 0D030A

■ 80797E

■ 000000

■ 9A9397

■ B5ADB2

■ D0C9CE

■ ECE5EA

■ 383236

■ 383236

■ 382C34

■ 383838

■ 382732

■ 383D3A

■ 382130

■ 38433C

■ 381C2F

■ 38483D

■ 38162D

■ 384E3F

■ 38102B

■ 385441

■ 380B29

■ 385943

■ 380527

■ 385F45

■ 380025

■ 386447

Harmonies

Analogous

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



353338



383236



3A3233

Triad

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



383236



35342E



2D3537

Complementary

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



383236



323834

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.



2D3534



383236



32352F

Square

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



383236



38332E



2F3531



2E3539

Rectangle

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



383236



3A3231



2F3531



2D3536

Sweetspot

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



383236



4A4849



343238



262526



A6A6A6



262626

Same Dimension

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



383236



4A4047



383233



1C191B



5C003D



DB0092

Inverse Universe

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



383236



4A4047



323837



1C191B



5C003D



DB0092

Previews

White Background



This preview shows how the Hex color 383236 looks on a white background.

Color Contrast Check

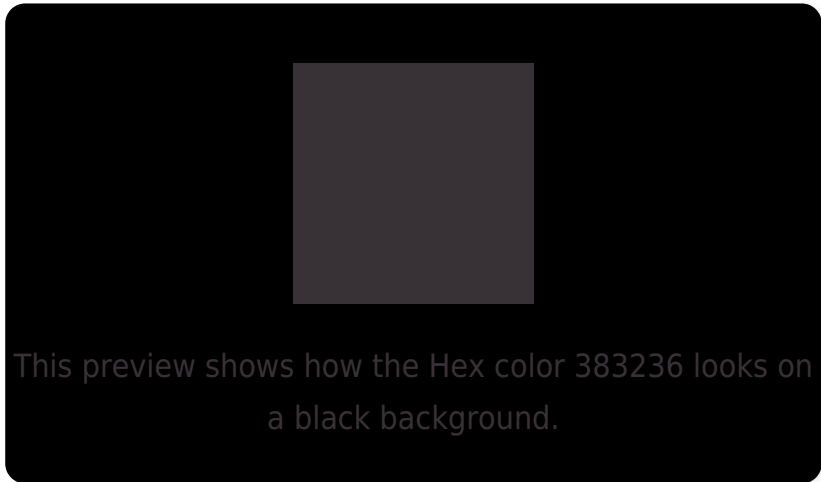
Large Text (above 18pt) WCAG AA ✓ Pass

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

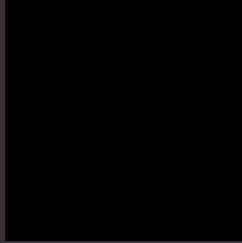
Any Text WCAG AA × Fail

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 383236 Background



This preview shows how black text looks on a background with the Hex color 383236.



This preview shows how white text looks on a background with the Hex color 383236.

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
383236

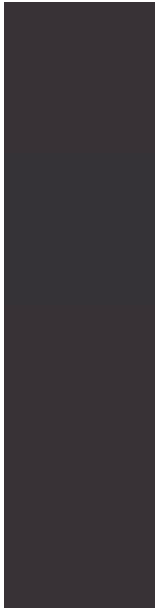
Protanopia
343337

Deuteranopia
383236



Tritanopia
383236

Trichromacy



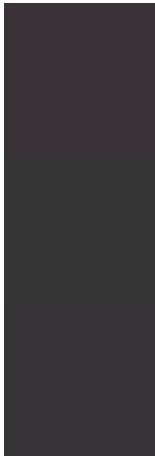
Original Color
383236

Protanomaly
353337

Deuteranomaly
383236

Tritanomaly
383236

Monochromacy



Original Color
383236

Achromatopsia
343434

Achromatomaly
353335

CSS Examples

Text

The CSS property to change the color of the text to Hex 383236 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 #383236 looks like.

```
.text, #text, p{  
    color:#383236  
}
```

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 #383236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383236
}
```

Border

The CSS property to change the border of an element to Hex 383236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

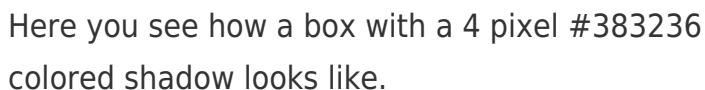
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383236 }
```

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

```
.border{ border-color:#383236 }
```

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



Here you see how a box with a 4 pixel #383236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383236; -webkit-box-shadow:4px 4px  
4px 4px #383236; box-shadow:4px 4px 4px  
4px #383236 }
```

Background

The CSS property to change the background color of an element to Hex 383236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383236 }
```

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

```
.background{ background-color:#383236 }
```

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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