

Converting Colors

Hex(393237)

Have a look what the booklet for
Hex(393237) contains.

Hex(393237)	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(393237)

Conversions

Conversions Part 1

Format	Color
Hex	393237
RGB	57, 50, 55
RGB Percent	22%, 20%, 22%
CMY	0.7765, 0.8039, 0.7843
CMYK	0.00, 0.12, 0.04, 0.78
HSL	317°, 7%, 21%
HSV	317°, 12%, 22%
XYZ	3.5175, 3.4269, 4.0905
YIQ	52.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

Format	Color
R_{YB}	57, 50, 55
Decimal	3748407
CIE Lab	21.68, 4.22, -2.02
CIE LCh	22, 4.676, 334.395
Yxy	3.4269, 0.3188, 0.3106
Android (android.graphics.Color)	4281938487 (0xFF393237)
YUV	52.6630, 1.1521, 3.8035
Hunter-Lab	18.5119, 1.5219, -0.1427

Details

The Hex color **393237** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323934**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **686066**, and **0E030B** is the 20% darker color. If you saturate the color by 10%, you get **392C35**, and if you desaturate by 10%, it is **393839**.

Distribution



Red (22%)

Green (20%)

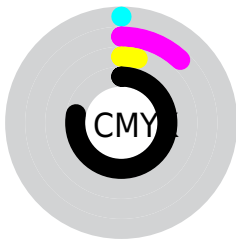
Blue (22%)



Red (22%)

Yellow (20%)

Blue (22%)



Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393237 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 393237 by changing the saturation by 10% instead.

■ 393237

■ 393237

FFFFFF

■ 231D22

■ 686066

■ 0E030B

■ 81797F

■ 000000

■ 9B9399

■ B6ADB3

■ D2C9CF

■ EEE5EB

■ 393237

■ 393237

■ 392C35

■ 393839

■ 392734

■ 393D3A

■ 392132

■ 39433C

■ 391B30

■ 39493E

■ 39152F

■ 394E3F

■ 39102D

■ 395441

■ 390A2C

■ 395A42

■ 39042A

■ 396044

■ 390029

■ 396546

Harmonies

Analogous

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



35333A



393237



3B3234

Triad

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



393237



36342D



2B3638

Complementary

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



393237



323934

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.



2C3634



393237



32352E

Square

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



393237



3A332E



2F3631



2D353A

Rectangle

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



393237



3B3231



2F3631



2B3637

Sweetspot

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



393237



4A4749



343239



262426



A6A6A6



262626

Same Dimension

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



393237



4A3F47



393234



1C191B



5C0042



DB009D

Inverse Universe

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



393237



4A3F47



323937



1C191B



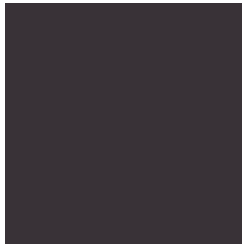
5C0042



DB009D

Previews

White Background



This preview shows how the Hex color 393237 looks on a white background.

Color Contrast Check

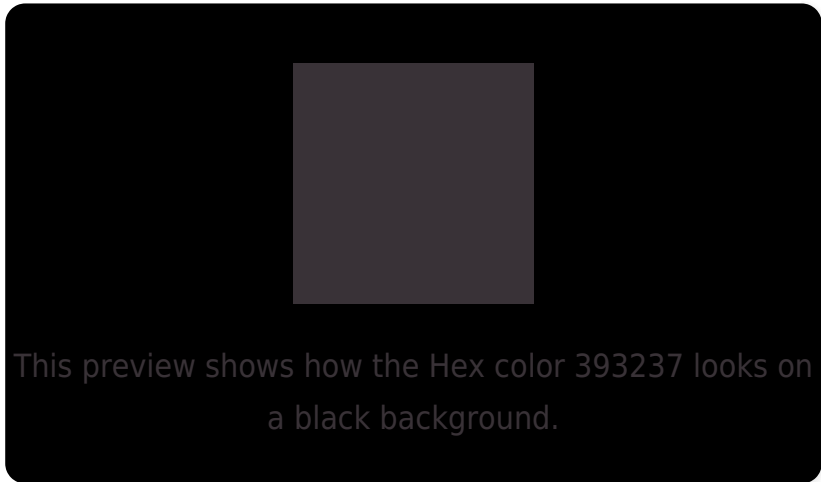
Large Text (above 18pt) WCAG AA ✓ Pass

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

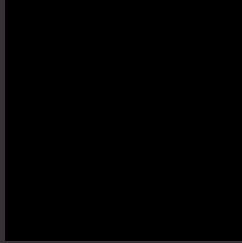
Any Text WCAG AA × Fail

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 393237 Background



This preview shows how black text looks on a background with the Hex color 393237.

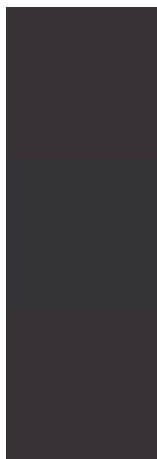


This preview shows how white text looks on a background with the Hex color 393237.

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
393237

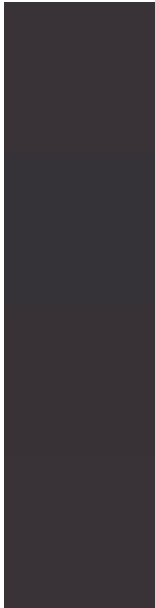
Protanopia
343438

Deuteranopia
383237



Tritanopia
393236

Trichromacy



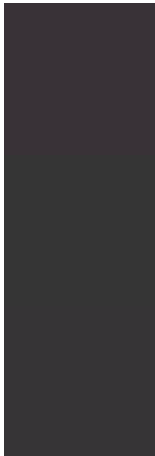
Original Color
393237

Protanomaly
363338

Deuteranomaly
383237

Tritanomaly
393236

Monochromacy



Original Color
393237

Achromatopsia
353535

Achromatomaly
363436

CSS Examples

Text

The CSS property to change the color of the text to Hex 393237 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 #393237 looks like.

```
.text, #text, p{  
    color:#393237  
}
```

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 #393237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393237
}
```

Border

The CSS property to change the border of an element to Hex 393237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

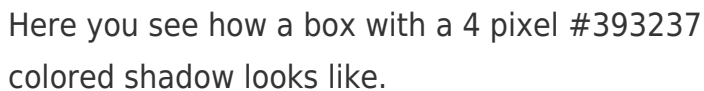
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393237 }
```

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

```
.border{ border-color:#393237 }
```

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



Here you see how a box with a 4 pixel #393237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393237; -webkit-box-shadow:4px 4px  
4px 4px #393237; box-shadow:4px 4px 4px  
4px #393237 }
```

Background

The CSS property to change the background color of an element to Hex 393237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393237 }
```

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

```
.background{ background-color:#393237 }
```

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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