

Converting Colors

Hex(393A31)

Have a look what the booklet for
Hex(393A31) contains.

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Color

Hex(393A31)

Conversions

Conversions Part 1

Format	Color
Hex	393A31
RGB	57, 58, 49
RGB Percent	22%, 23%, 19%
CMY	0.7765, 0.7725, 0.8078
CMYK	0.02, 0.00, 0.16, 0.77
HSL	67°, 8%, 21%
HSV	67°, 16%, 23%
XYZ	3.7548, 4.1177, 3.5026
YIQ	56.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

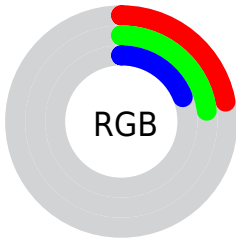
Format	Color
RYB	49, 58, 50
Decimal	3750449
CIELab	24.06, -2.37, 5.46
CIELCh	24, 5.949, 113.483
Yxy	4.1177, 0.3301, 0.3620
Android (android.graphics.Color)	4281940529 (0xFF393A31)
YUV	56.6750, -3.7838, 0.2850
Hunter-Lab	20.2922, -2.4824, 3.9705

Details

The Hex color **393A31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32313A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **68695F**, and **0E0F01** is the 20% darker color. If you saturate the color by 10%, you get **383A2B**, and if you desaturate by 10%, it is **3A3A37**.

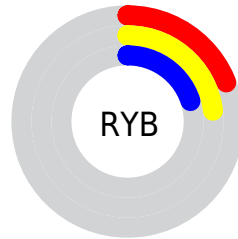
Distribution



Red (22%)

Green (23%)

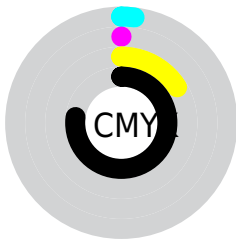
Blue (19%)



Red (19%)

Yellow (23%)

Blue (20%)

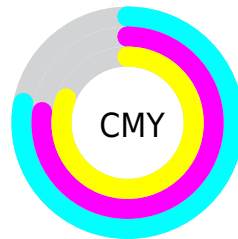


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393A31 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 393A31 by changing the saturation by 10% instead.



393A31



393A31

FFFFFF



23241C



68695F



0E0F01



818278



000000



9B9C91



B6B7AC



D2D3C7



EEEF3



393A31



393A31



383A2B



3A3A37

■ 383A25

■ 3A3A3D

■ 373A20

■ 3B3A42

■ 363A1A

■ 3C3A48

■ 363A14

■ 3C3A4E

■ 353A0E

■ 3D3A54

■ 343A08

■ 3E3A5A

■ 343A03

■ 3E3A5F

■ 343A00

■ 3F3A65

Harmonies

Analogous

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



3E3930



393A31



343B34

Triad

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



393A31



2F3B40



42363A

Complementary

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



393A31



32313A

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.



3E373F



393A31



333A42

Square

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



393A31



2E3C3D



393841



433636

Rectangle

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



393A31



313C37



393841



41363C

Sweetspot

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



393A31



4C4D49



3A3231



262624



A6A6A6



262626

Same Dimension

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



393A31



4B4D3E



353A31



1C1C19



525C00



C3DB00

Inverse Universe

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



32313A



403E4D



36313A



1A191C



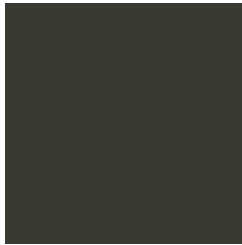
0A005C



1800DB

Previews

White Background



This preview shows how the Hex color 393A31 looks on a white background.

Color Contrast Check

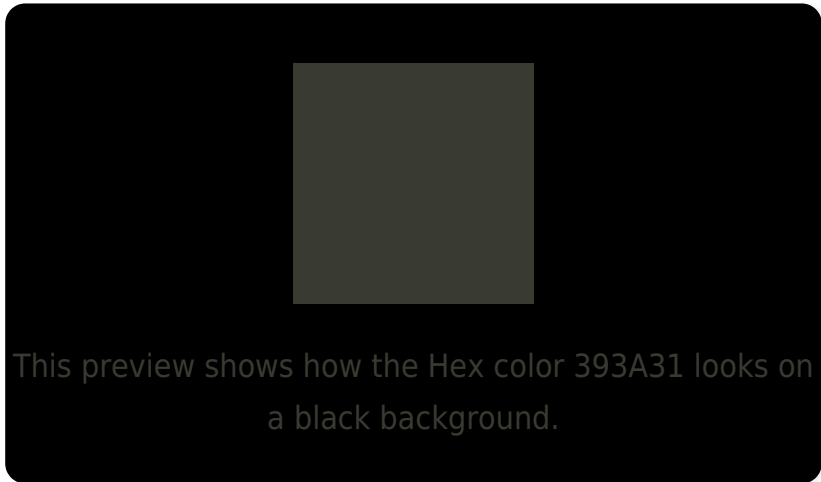
Large Text (above 18pt) WCAG AA ✓ Pass

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

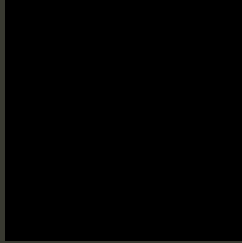
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

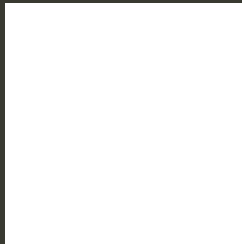
Any Text WCAG AAA × Fail

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

Hex 393A31 Background



This preview shows how black text looks on a background with the Hex color 393A31.



This preview shows how white text looks on a background with the Hex color 393A31.

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
393A31

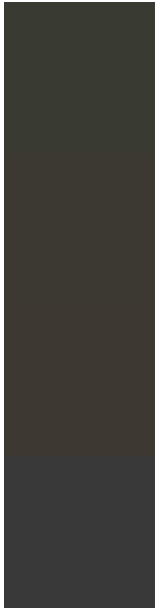
Protanopia
3C3931

Deuteranopia
413732



Tritanopia
3B383D

Trichromacy



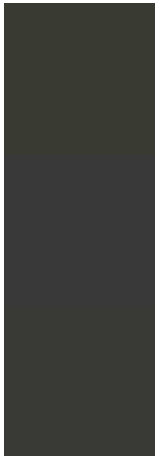
Original Color
393A31

Protanomaly
3B3931

Deuteranomaly
3E3832

Tritanomaly
3A3939

Monochromacy



Original Color
393A31

Achromatopsia
393939

Achromatomaly
393936

CSS Examples

Text

The CSS property to change the color of the text to Hex 393A31 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 #393A31 looks like.

```
.text, #text, p{  
    color:#393A31  
}
```

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 #393A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393A31
}
```

Border

The CSS property to change the border of an element to Hex 393A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

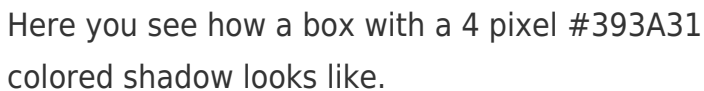
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393A31 }
```

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

```
.border{ border-color:#393A31 }
```

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



Here you see how a box with a 4 pixel #393A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393A31; -webkit-box-shadow:4px 4px  
4px 4px #393A31; box-shadow:4px 4px 4px  
4px #393A31 }
```

Background

The CSS property to change the background color of an element to Hex 393A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393A31 }
```

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

```
.background{ background-color:#393A31 }
```

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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