

Converting Colors

Hex(393301)

Have a look what the booklet for
Hex(393301) contains.

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Color

Hex(393301)

Conversions

Conversions Part 1

Format	Color
Hex	393301
RGB	57, 51, 1
RGB Percent	22%, 20%, 0%
CMY	0.7765, 0.8000, 0.9961
CMYK	0.00, 0.11, 0.98, 0.78
HSL	54°, 97%, 11%
HSV	54°, 98%, 22%
XYZ	2.8766, 3.2397, 0.5024
YIQ	47.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

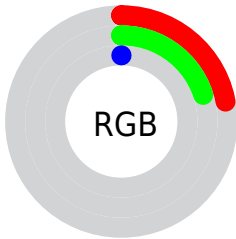
Format	Color
R_{YB}	8, 57, 1
Decimal	3748609
CIE Lab	20.98, -3.58, 28.98
CIE LCh	21, 29.205, 97.032
Yxy	3.2397, 0.4346, 0.4895
Android (android.graphics.Color)	4281938689 (0xFF393301)
YUV	47.0940, -22.7243, 8.6876
Hunter-Lab	17.9992, -2.9705, 10.9444

Details

The Hex color **393301** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010739**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6A6130**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **393300**, and if you desaturate by 10%, it is **393407**.

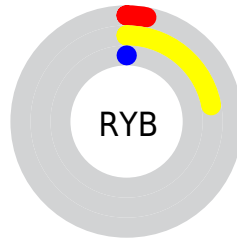
Distribution



Red (22%)

Green (20%)

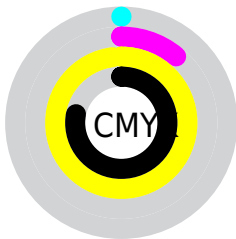
Blue (0%)



Red (3%)

Yellow (22%)

Blue (0%)

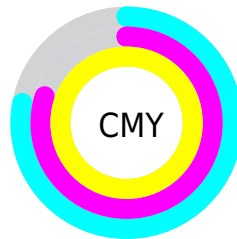


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393301 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 393301 by changing the saturation by 10% instead.



393301



393301



FFFFE5



221E00



6A6130



000600



847A47



000000



9F9460



BAAE79



D7C993



F3E5AE



FFFFC9



393301



393301

■ 393300

■ 393407

■ 39340C

■ 393512

■ 393518

■ 39361E

■ 393723

■ 393729

■ 39382F

■ 393834

Harmonies

Analogous

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



4B2B08



393301



22380D

Triad

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



393301



003C4C



502144

Complementary

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



393301



010739

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.



3A2B55



393301



00395A

Square

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



393301



003D37



09335D



591E2E

Rectangle

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



393301



0B3B1A



09335D



4A244A

Sweetspot

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



393301



4A4835



390108



262519



A6A6A6



262626

Same Dimension

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



393301



4A4200



243901



1C1C19



5C5200



DBC400

Inverse Universe

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



010739



00084A



160139



191A1C



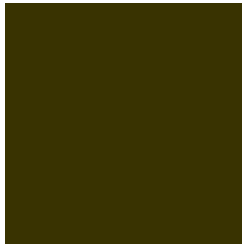
000A5C



0017DB

Previews

White Background



This preview shows how the Hex color 393301 looks on a white background.

Color Contrast Check

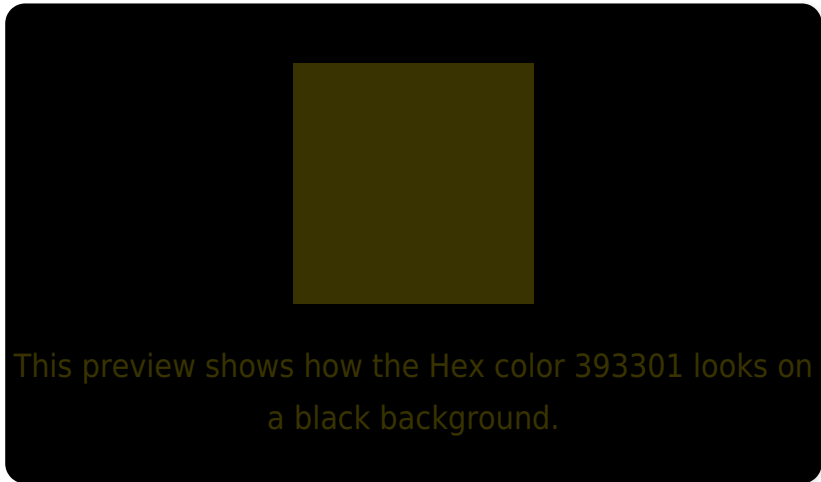
Large Text (above 18pt) WCAG AA ✓ Pass

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

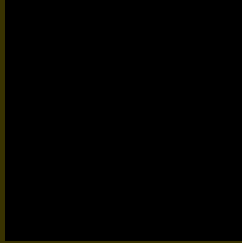
Any Text WCAG AA × Fail

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 393301 Background



This preview shows how black text looks on a background with the Hex color 393301.



This preview shows how white text looks on a background with the Hex color 393301.

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
393301

Protanopia
393301

Deuteranopia
403007



Tritanopia
3C2F33

Trichromacy



Original Color
393301

Protanomaly
393301

Deuteranomaly
3D3105

Tritanomaly
3B3021

Monochromacy



Original Color
393301

Achromatopsia
2F2F2F

Achromatomaly
33301E

CSS Examples

Text

The CSS property to change the color of the text to Hex 393301 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 #393301 looks like.

```
.text, #text, p{  
    color:#393301  
}
```

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 #393301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393301
}
```

Border

The CSS property to change the border of an element to Hex 393301 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
#393301 }
```

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

```
.border{ border-color:#393301 }
```

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

Here you see how a box with a 4 pixel #393301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393301; -webkit-box-shadow:4px 4px  
4px 4px #393301; box-shadow:4px 4px 4px  
4px #393301 }
```

Background

The CSS property to change the background color of an element to Hex 393301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393301 }
```

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

```
.background{ background-color:#393301 }
```

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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