

Converting Colors

Hex(399313)

Have a look what the booklet for
Hex(399313) contains.

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Color

Hex(399313)

Conversions

Conversions Part 1

Format	Color
Hex	399313
RGB	57, 147, 19
RGB Percent	22%, 58%, 7%
CMY	0.7765, 0.4235, 0.9255
CMYK	0.61, 0.00, 0.87, 0.42
HSL	102°, 77%, 33%
HSV	102°, 87%, 58%
XYZ	12.2386, 21.7843, 4.1758
YIQ	105.4980, -12.5520, -58.8880

Conversions

Conversions Part 2

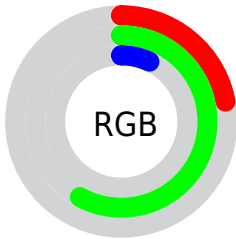
Format	Color
RYB	19, 147, 109
Decimal	3773203
CIELab	53.80, -48.37, 52.89
CIELCh	54, 71.674, 132.440
Yxy	21.7843, 0.3204, 0.5703
Android (android.graphics.Color)	4281963283 (0xFF399313)
YUV	105.4980, -42.6435, -42.5327
Hunter-Lab	46.6737, -34.8733, 27.3669

Details

The Hex color **399313** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6D1393**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **73CA4D**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **2F9304**, and if you desaturate by 10%, it is **439322**.

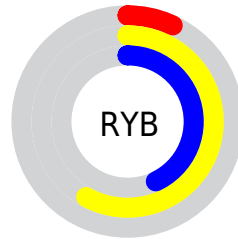
Distribution



Red (22%)

Green (58%)

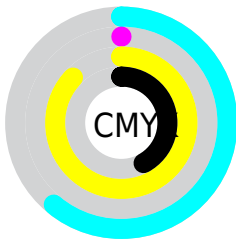
Blue (7%)



Red (7%)

Yellow (58%)

Blue (43%)

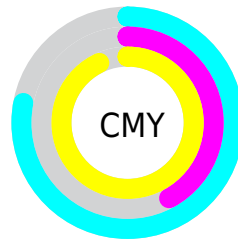


Cyan (61%)

Magenta (0%)

Yellow (87%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 399313 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 399313 by changing the saturation by 10% instead.



399313



399313

FFFFFF



147900



73CA4D



005F00



90E668



004600



ACFF82



003000



C9FF9E



001600



E7FFBA



000000



FFFFD6



FFFFF3



399313



399313

 2F9304

 439322

 2C9300

 4E9330

 58933F

 62934E

 6D935C

 77936B

 81937A

 8C9389

 969397

Harmonies

Analogous

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



848600



399313



009A59

Triad

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



399313



0092F7



ED386A

Complementary

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



399313



6D1393

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.



DB42A7



399313



0080FB

Square

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



399313



009AD3



A263DD



DE522F

Rectangle

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



399313



009C84



A263DD



EB367E

Sweetspot

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



399313



9CBF8E



936D13



4C6143



E0E0E0



616161

Same Dimension

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



399313



39BF00



13932D



454A43



298A00



030A00

Inverse Universe

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



6D1393



8600BF



931379



48434A



61008A



07000A

Previews

White Background



This preview shows how the Hex color 399313 looks on a white background.

Color Contrast Check

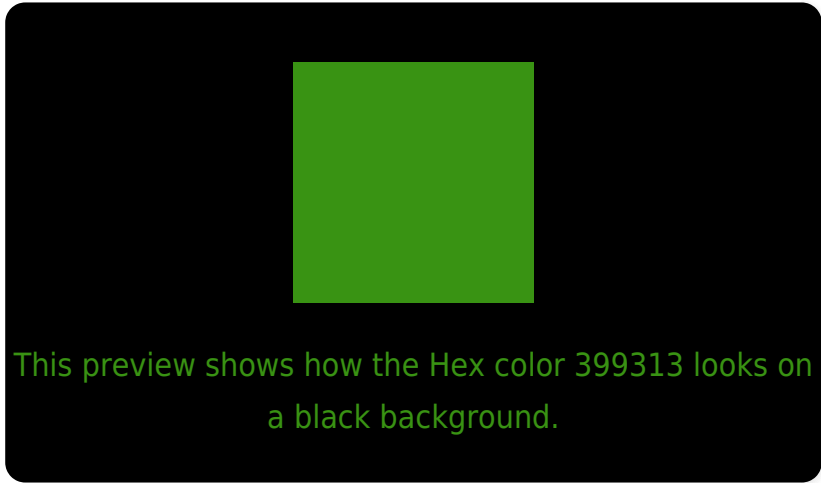
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

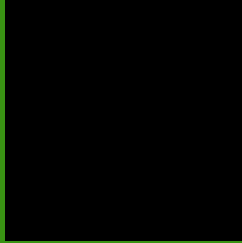
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 399313 Background



This preview shows how black text looks on a background with the Hex color 399313.



This preview shows how white text looks on a background with the Hex color 399313.

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
399313

Protanopia
90800C

Deuteranopia
A07923



Tritanopia
518994

Trichromacy



Original Color
399313

Protanomaly
70870F

Deuteranomaly
7B821D

Tritanomaly
488D65

Monochromacy



Original Color
399313

Achromatopsia
696969

Achromatomaly
58784A

CSS Examples

Text

The CSS property to change the color of the text to Hex 399313 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 #399313 looks like.

```
.text, #text, p{  
    color:#399313  
}
```

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 #399313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399313
}
```

Border

The CSS property to change the border of an element to Hex 399313 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
#399313 }
```

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

```
.border{ border-color:#399313 }
```

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

Here you see how a box with a 4 pixel #399313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399313; -webkit-box-shadow:4px 4px  
4px 4px #399313; box-shadow:4px 4px 4px  
4px #399313 }
```

Background

The CSS property to change the background color of an element to Hex 399313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399313 }
```

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

```
.background{ background-color:#399313 }
```

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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