

Converting Colors

Hex(399B00)

Have a look what the booklet for
Hex(399B00) contains.

Hex(399B00)	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(399B00)

Conversions

Conversions Part 1

Format	Color
Hex	399B00
RGB	57, 155, 0
RGB Percent	22%, 61%, 0%
CMY	0.7765, 0.3922, 1.0000
CMYK	0.63, 0.00, 1.00, 0.39
HSL	98°, 100%, 30%
HSV	98°, 100%, 61%
XYZ	13.4087, 24.3125, 3.9861
YIQ	108.0280, -8.6530, -68.9810

Conversions

Conversions Part 2

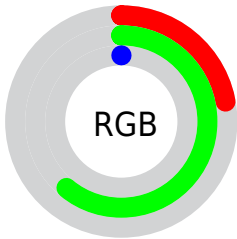
Format	Color
RYB	0, 155, 98
Decimal	3775232
CIELab	56.40, -51.78, 58.42
CIELCh	56, 78.062, 131.553
Yxy	24.3125, 0.3215, 0.5829
Android (android.graphics.Color)	4281965312 (0xFF399B00)
YUV	108.0280, -53.2578, -44.7516
Hunter-Lab	49.3078, -37.7475, 29.7224

Details

The Hex color **399B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **62009B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **75D247**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **399B00**, and if you desaturate by 10%, it is **439B0F**.

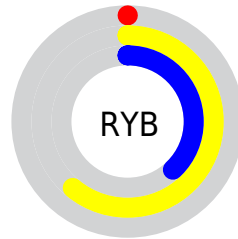
Distribution



Red (22%)

Green (61%)

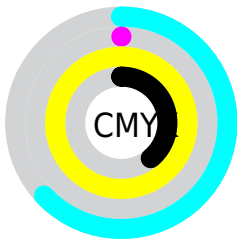
Blue (0%)



Red (0%)

Yellow (61%)

Blue (38%)

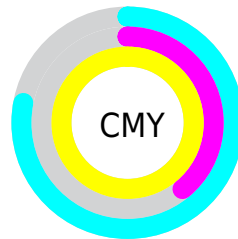


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (78%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 399B00 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 399B00 by changing the saturation by 10% instead.

 399B00

 399B00

FFFFFF

 108000

 75D247

 006600

 92EF62

 004D00

 AFFF7D

 003600

 CCFF99

 001E00

 EAFFB5

 000000

 FFFFD1

 FFFFEE

 399B00

 439B0F

 4D9B1F

 569B2F

 609B3E

 6A9B4E

 749B5D

 7E9B6C

 879B7C

 919B8B

Harmonies

Analogous

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



8C8D00



399B00



00A259

Triad

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



399B00



009BFF



FD3170

Complementary

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



399B00



62009B

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.



E940B4



399B00



0087FF

Square

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



399B00



00A3E1



A967EE



EE522F

Rectangle

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



399B00



00A489



A967EE



FB3087

Sweetspot

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



399B00



A3C98D



9B6000



4F6641



E6E6E6



666666

Same Dimension

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



399B00



4AC900



009B12



484D45



348C00



050D00

Inverse Universe

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



62009B



7F00C9



9B0089



4A454D



59008C



08000D

Previews

White Background



This preview shows how the Hex color 399B00 looks on a white background.

Color Contrast Check

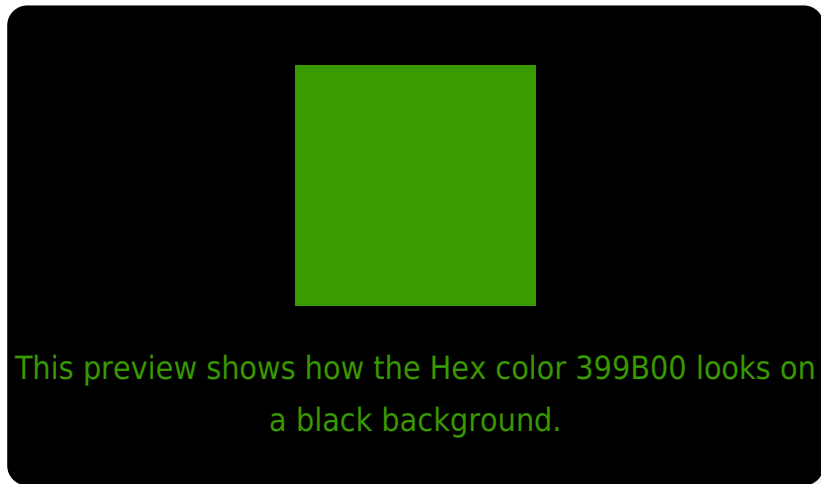
Large Text (above 18pt) WCAG AA ✓ Pass

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

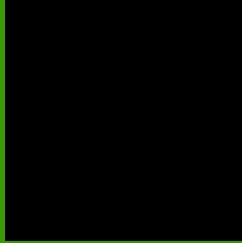
Any Text WCAG AA ✓ Pass

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 399B00 Background



This preview shows how black text looks on a background with the Hex color 399B00.



This preview shows how white text looks on a background with the Hex color 399B00.

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





Tritanopia
54909C

Trichromacy



Original Color
399B00



Protanomaly
758E00



Deuteranomaly
808A15



Tritanomaly
4A9463

Monochromacy



Original Color
399B00



Achromatopsia
6C6C6C



Achromatomaly
597D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 399B00 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 #399B00 looks like.

```
.text, #text, p{  
    color:#399B00  
}
```

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 #399B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399B00
}
```

Border

The CSS property to change the border of an element to Hex 399B00 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
#399B00 }
```

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

```
.border{ border-color:#399B00 }
```

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

Here you see how a box with a 4 pixel #399B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399B00; -webkit-box-shadow:4px 4px  
4px 4px #399B00; box-shadow:4px 4px 4px  
4px #399B00 }
```

Background

The CSS property to change the background color of an element to Hex 399B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399B00 }
```

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

```
.background{ background-color:#399B00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor