

# Converting Colors

Hex(395A03)

Have a look what the booklet for  
Hex(395A03) contains.

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**Color**

**Hex(395A03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395A03
RGB	57, 90, 3
RGB Percent	22%, 35%, 1%
CMY	0.7765, 0.6471, 0.9882
CMYK	0.37, 0.00, 0.97, 0.65
HSL	83°, 94%, 18%
HSV	83°, 97%, 35%
XYZ	5.3599, 8.1888, 1.3842
YIQ	70.2150, 8.2590, -34.0530

# Conversions

## Conversions Part 2

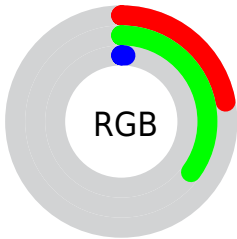
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 90, 36
Decimal	3758595
CIE Lab	34.37, -25.39, 40.17
CIE LCh	34, 47.521, 122.290
Yxy	8.1888, 0.3589, 0.5484
Android (android.graphics.Color)	4281948675 (0xFF395A03)
YUV	70.2150, -33.1370, -11.5896
Hunter-Lab	28.6160, -16.6439, 17.1632

# Details

The Hex color **395A03** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **24035A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6C8C39**, and **052C00** is the 20% darker color. If you saturate the color by 10%, you get **385A00**, and if you desaturate by 10%, it is **3C5A0C**.

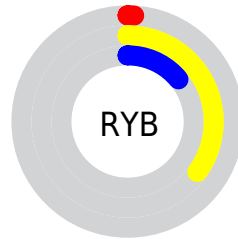
# Distribution



Red (22%)

Green (35%)

Blue (1%)



Red (1%)

Yellow (35%)

Blue (14%)

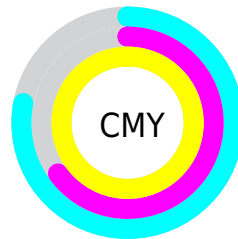


Cyan (37%)

Magenta (0%)

Yellow (97%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395A03 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 395A03 by changing the saturation by 10% instead.



 395A03

 395A03

 FFFFF4

 214200

 6C8C39

 052C00

 86A751

 001800

 A1C26B

 000000

 BDDE85

 D9FBA0

 F6FFBB

 FFFFD7

 395A03

 395A03

■ 385A00

■ 3C5A0C

■ 405A15

■ 435A1E

■ 475A27

■ 4A5A30

■ 4D5A39

■ 515A42

■ 545A4B

■ 585A54

# Harmonies

## Analogous

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



5F5000



395A03



005F2B

# Triad

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



395A03



005E94



922750

# Complementary

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



395A03



24035A

# 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.



803375



395A03



00559D

# Square

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



395A03



006178



534591



90302B

# Rectangle

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



395A03



006145



534591



8F295C



# Sweetspot

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



395A03



687553



5A2303



333B26



BABABA



3B3B3B



# Same Dimension

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



395A03



497500



0F5A03



2C2E29



446E00



93ED00



# Inverse Universe

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



24035A



2C0075



4E035A



2B292E



2A006E

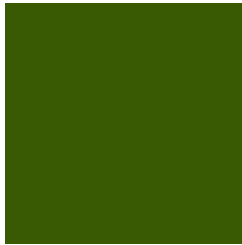


5A00ED



# Previews

## White Background



This preview shows how the Hex color 395A03 looks on a white background.

## Color Contrast Check

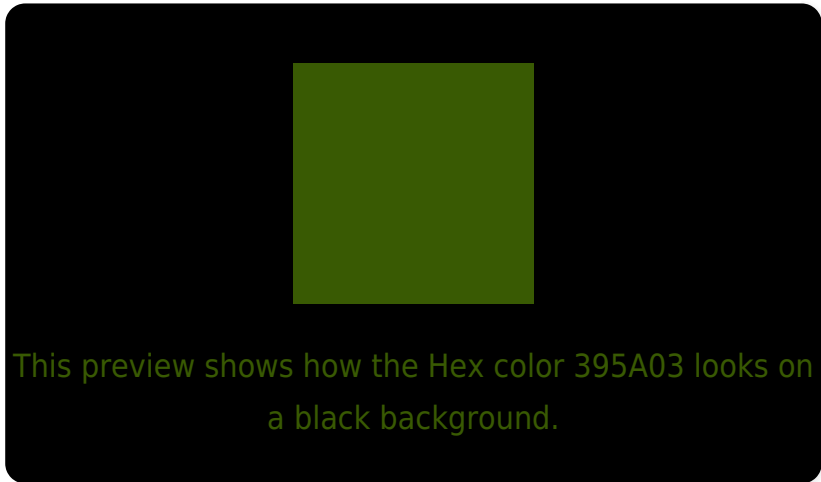
Large Text (above 18pt) WCAG AA ✓ Pass

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

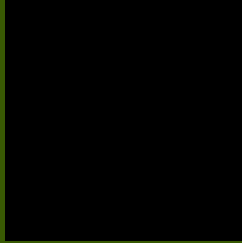
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 395A03 Background



This preview shows how black text looks on a background with the Hex color 395A03.



This preview shows how white text looks on a background with the Hex color 395A03.

# 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](#).

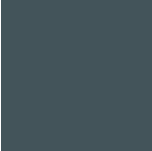
## Dichromacy



**Original Color**  
395A03

**Protanopia**  
5B5100

**Deuteranopia**  
664D12



**Tritanopia**  
43545A

# Trichromacy



**Original Color**  
395A03

**Protanomaly**  
4F5401

**Deuteranomaly**  
56520D

**Tritanomaly**  
3F563A

# Monochromacy



**Original Color**  
395A03

**Achromatopsia**  
464646

**Achromatomaly**  
414D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395A03 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 #395A03 looks like.

```
.text, #text, p{  
    color:#395A03  
}
```

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 #395A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395A03  
}
```

## Border

The CSS property to change the border of an element to Hex 395A03 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".

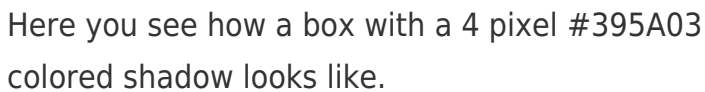
```
.border, #border, table{ border:4px solid  
#395A03 }
```

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

```
.border{ border-color:#395A03 }
```

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

Here you see how a box with a 4 pixel #395A03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395A03; -webkit-box-shadow:4px 4px  
4px 4px #395A03; box-shadow:4px 4px 4px  
4px #395A03 }
```

# Background

The CSS property to change the background color of an element to Hex 395A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395A03 }
```

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

```
.background{ background-color:#395A03 }
```

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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