

# Converting Colors

Hex(395300)

Have a look what the booklet for  
Hex(395300) contains.

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**Color**

**Hex(395300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395300
RGB	57, 83, 0
RGB Percent	22%, 33%, 0%
CMY	0.7765, 0.6745, 1.0000
CMYK	0.31, 0.00, 1.00, 0.67
HSL	79°, 100%, 16%
HSV	79°, 100%, 33%
XYZ	4.7806, 7.0564, 1.1101
YIQ	65.7640, 11.1470, -31.3250

# Conversions

## Conversions Part 2

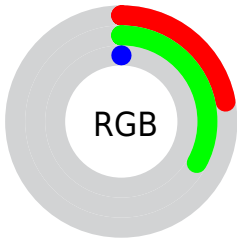
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 26
Decimal	3756800
CIELab	31.93, -22.05, 39.28
CIELCh	32, 45.045, 119.308
Yxy	7.0564, 0.3692, 0.5450
Android (android.graphics.Color)	4281946880 (0xFF395300)
YUV	65.7640, -32.4217, -7.6860
Hunter-Lab	26.5638, -14.3627, 16.1171

# Details

The Hex color **395300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1A0053**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6B8535**, and **062600** is the 20% darker color. If you saturate the color by 10%, you get **395300**, and if you desaturate by 10%, it is **3C5308**.

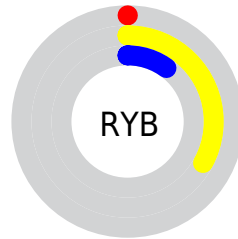
# Distribution



Red (22%)

Green (33%)

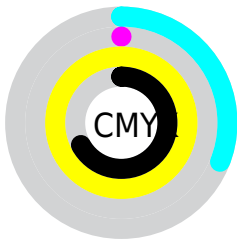
Blue (0%)



Red (0%)

Yellow (33%)

Blue (10%)

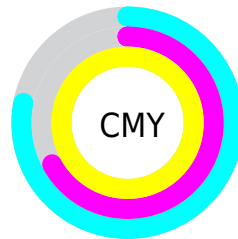


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395300 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 395300 by changing the saturation by 10% instead.



 395300

 395300

 FFFFEF

 223C00

 6B8535

 062600

 869F4D

 000D00

 A1BA67

 000000

 BCD680

 D9F29B

 F6FFB6

 FFFFD2

 395300

 3C5308

 3E5311

 415319

 435321

 465329

 495332

 4B533A

 4E5342

 50534B

# Harmonies

## Analogous

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



5C4900



395300



005825

# Triad

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



395300



005888



88254D

# Complementary

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



395300



1A0053

# 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.



743170



395300



005092

# Square

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



395300



005B6D



474289



872B2B

# Rectangle

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



395300



005A3D



474289



842759



# Sweetspot

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



395300



616B4B



531900



303622



B5B5B5



363636



# Same Dimension

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



395300



4A6B00



115300



282925



486900



9FE800



# Inverse Universe

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



1A0053



22006B



420053



262529



210069

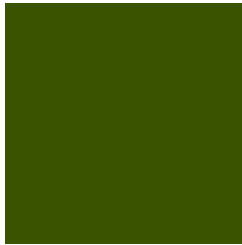


4900E8



# Previews

## White Background



This preview shows how the Hex color 395300 looks on a white background.

## Color Contrast Check

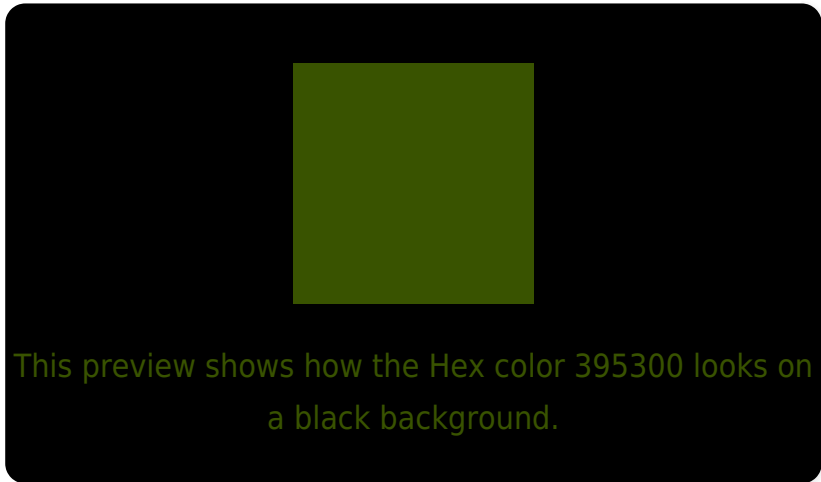
Large Text (above 18pt) WCAG AA ✓ Pass

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

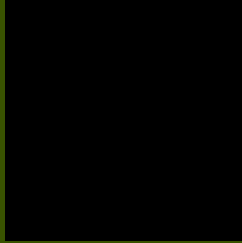
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 395300 Background



This preview shows how black text looks on a background with the Hex color 395300.



This preview shows how white text looks on a background with the Hex color 395300.

# 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**  
395300

**Protanopia**  
554B00

**Deuteranopia**  
5F4710



**Tritanopia**  
414D53

# Trichromacy



**Original Color**  
395300

**Protanomaly**  
4B4E00

**Deuteranomaly**  
514B0A

**Tritanomaly**  
3E4F35

# Monochromacy



**Original Color**  
395300

**Achromatopsia**  
424242

**Achromatomaly**  
3F482A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395300 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 #395300 looks like.

```
.text, #text, p{  
    color:#395300  
}
```

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 #395300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395300
}
```

## Border

The CSS property to change the border of an element to Hex 395300 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
#395300 }
```

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

```
.border{ border-color:#395300 }
```

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

Here you see how a box with a 4 pixel #395300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395300; -webkit-box-shadow:4px 4px  
4px 4px #395300; box-shadow:4px 4px 4px  
4px #395300 }
```

# Background

The CSS property to change the background color of an element to Hex 395300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395300 }
```

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

```
.background{ background-color:#395300 }
```

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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