

# Converting Colors

Hex(397300)

Have a look what the booklet for  
Hex(397300) contains.

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**Color**

**Hex(397300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	397300
RGB	57, 115, 0
RGB Percent	22%, 45%, 0%
CMY	0.7765, 0.5490, 1.0000
CMYK	0.50, 0.00, 1.00, 0.55
HSL	90°, 100%, 23%
HSV	90°, 100%, 45%
XYZ	7.8181, 13.1313, 2.1225
YIQ	84.5480, 2.3470, -48.0610

# Conversions

## Conversions Part 2

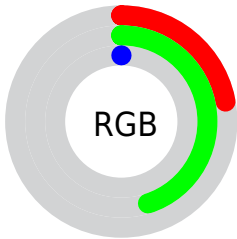
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 58
Decimal	3764992
CIELab	42.96, -36.69, 47.83
CIELCh	43, 60.282, 127.493
Yxy	13.1313, 0.3389, 0.5691
Android (android.graphics.Color)	4281955072 (0xFF397300)
YUV	84.5480, -41.6822, -24.1596
Hunter-Lab	36.2372, -24.9041, 21.8932

# Details

The Hex color **397300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3A0073**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6FA83D**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **397300**, and if you desaturate by 10%, it is **3F730B**.

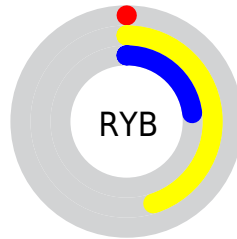
# Distribution



Red (22%)

Green (45%)

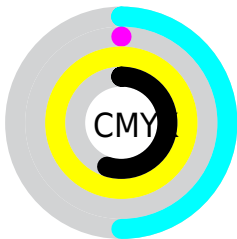
Blue (0%)



Red (0%)

Yellow (45%)

Blue (23%)

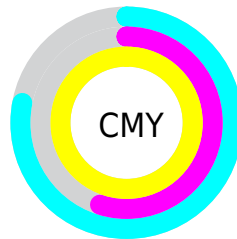


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397300 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 397300 by changing the saturation by 10% instead.



 397300

 397300

 FFFFFC

 1C5A00

 6FA83D

 004200

 8AC357

 002B00

 A6DF71

 001200

 C2FC8C

 000000

 DFFFA7

 FCFFC3

 FFFFDF

 397300

 3F730B

 457317

 4A7323

 50732E

 56733A

 5C7345

 627351

 67735C

 6D7368

# Harmonies

## Analogous

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



706700



397300



00793D

# Triad

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



397300



0075C2



BC2A5B

# Complementary

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



397300



3A0073

# 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.



A9378D



397300



0068C9

# Square

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



397300



007BA1



7552B5



B43C2B

# Rectangle

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



397300



007B60



7552B5



B92B6C



# Sweetspot

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



397300



809669



733A00



3F4D31



CCCCCC



4D4D4D



# Same Dimension

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



397300



4B9600



007300



383B35



3D7A00



7CFA00



# Inverse Universe

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



3A0073



4C0096



730073



38353B



3E007A



7E00FA



# Previews

## White Background



This preview shows how the Hex color 397300 looks on a white background.

## Color Contrast Check

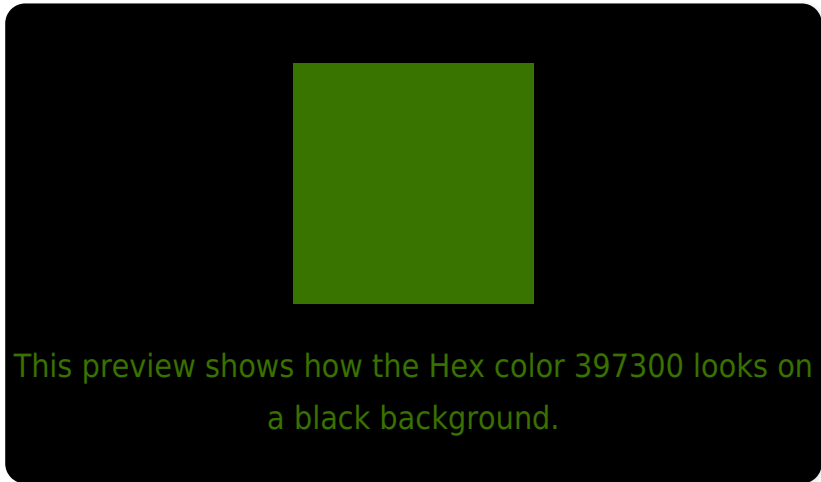
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 397300 Background



This preview shows how black text looks on a background with the Hex color 397300.



This preview shows how white text looks on a background with the Hex color 397300.

# 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**  
397300

**Protanopia**  
726500

**Deuteranopia**  
7F6018



**Tritanopia**  
486B73

# Trichromacy



**Original Color**  
397300

**Protanomaly**  
5D6A00

**Deuteranomaly**  
66670F

**Tritanomaly**  
436E49

# Monochromacy



**Original Color**  
397300

**Achromatopsia**  
555555

**Achromatomaly**  
4B6036

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397300 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 #397300 looks like.

```
.text, #text, p{  
    color:#397300  
}
```

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 #397300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397300
}
```

## Border

The CSS property to change the border of an element to Hex 397300 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
#397300 }
```

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

```
.border{ border-color:#397300 }
```

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

Here you see how a box with a 4 pixel #397300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397300; -webkit-box-shadow:4px 4px  
4px 4px #397300; box-shadow:4px 4px 4px  
4px #397300 }
```

# Background

The CSS property to change the background color of an element to Hex 397300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397300 }
```

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

```
.background{ background-color:#397300 }
```

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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