

# Converting Colors

Hex(395116)

Have a look what the booklet for  
Hex(395116) contains.

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# Color

**Hex(395116)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395116
RGB	57, 81, 22
RGB Percent	22%, 32%, 9%
CMY	0.7765, 0.6824, 0.9137
CMYK	0.30, 0.00, 0.73, 0.68
HSL	84°, 57%, 20%
HSV	84°, 73%, 32%
XYZ	4.7746, 6.8126, 1.8224
YIQ	67.0980, 4.6350, -23.4370

# Conversions

## Conversions Part 2

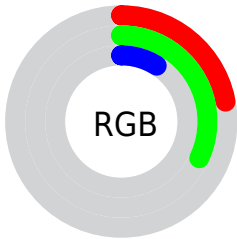
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 81, 46
Decimal	3756310
CIE <sub>Lab</sub>	31.38, -19.72, 30.52
CIE <sub>LCh</sub>	31, 36.341, 122.865
Yxy	6.8126, 0.3561, 0.5080
Android (android.graphics.Color)	4281946390 (0xFF395116)
YUV	67.0980, -22.2333, -8.8559
Hunter-Lab	26.1010, -13.0243, 14.1311

# Details

The Hex color **395116** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2E1651**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A8245**, and **0A2400** is the 20% darker color. If you saturate the color by 10%, you get **36510E**, and if you desaturate by 10%, it is **3C511E**.

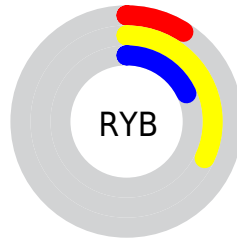
# Distribution



 Red (22%)


 Green (32%)

 Blue (9%)



 Red (9%)

 Yellow (32%)

 Blue (18%)

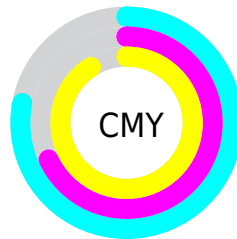


 Cyan (30%)

 Magenta (0%)

 Yellow (73%)

 Black (68%)



 Cyan (78%)

 Magenta (68%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395116 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 395116 by changing the saturation by 10% instead.



 395116

 395116

FFFFFF

 223A00

 6A8245

 0A2400

 849D5D

 000900

 9FB876

 000000

 BAD390

 D6F0AB

 F3FFC6

 FFFF E3

 395116

 395116

■ 36510E

■ 3C511E

■ 325106

■ 405126

■ 305100

■ 43512E

■ 465136

■ 49513F

■ 4D5147

■ 50514F

■ 535157

■ 57515F

# Harmonies

## Analogous

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



56490A



395116



05562F

# Triad

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



395116



00537C



7D2F48

# Complementary

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



395116



2E1651

# 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.



6E3564



395116



004C83

# Square

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



395116



005768



4E417A



7B342D

# Rectangle

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



395116



005742



4E417A



7A3052



# Sweetspot

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



395116



5F6952



512E16



303628



B5B5B5



363636



# Same Dimension

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



395116



44690E



1C5116



272925



3E6900



8AE800



# Inverse Universe

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



2E1651



330E69



4B1651



262529



2B0069

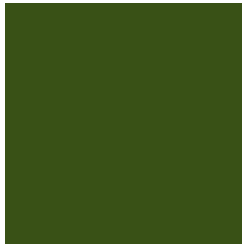


5E00E8



# Previews

## White Background



This preview shows how the Hex color 395116 looks on a white background.

## Color Contrast Check

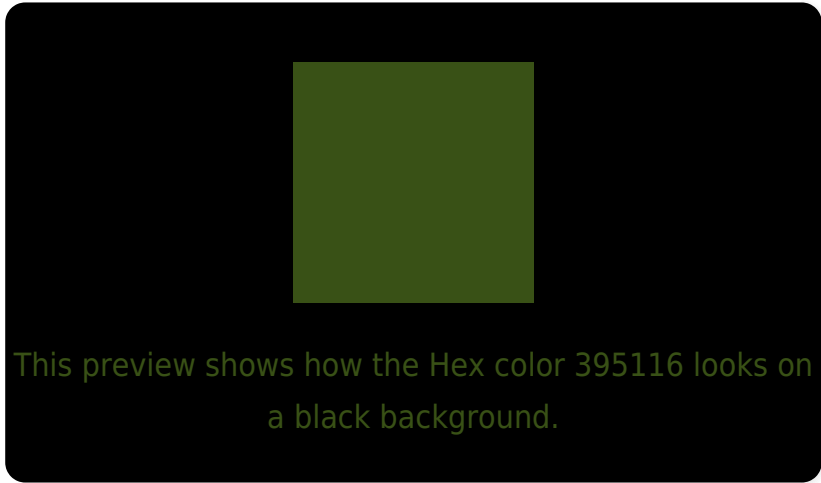
Large Text (above 18pt) WCAG AA ✓ Pass

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

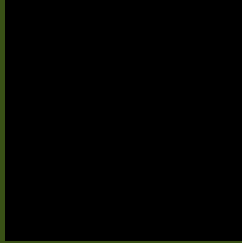
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 395116 Background



This preview shows how black text looks on a background with the Hex color 395116.



This preview shows how white text looks on a background with the Hex color 395116.

# 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**  
395116

**Protanopia**  
534A14

**Deuteranopia**  
5C461A



**Tritanopia**  
404C52

# Trichromacy



**Original Color**  
395116

**Protanomaly**  
4A4D15

**Deuteranomaly**  
4F4A19

**Tritanomaly**  
3D4E3C

# Monochromacy



**Original Color**  
395116

**Achromatopsia**  
434343

**Achromatomaly**  
3F4833

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395116 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 #395116 looks like.

```
.text, #text, p{  
    color:#395116  
}
```

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 #395116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395116
}
```

## Border

The CSS property to change the border of an element to Hex 395116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

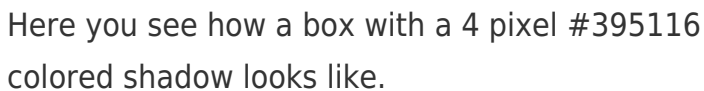
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#395116 }
```

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

```
.border{ border-color:#395116 }
```

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



Here you see how a box with a 4 pixel #395116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395116; -webkit-box-shadow:4px 4px  
4px 4px #395116; box-shadow:4px 4px 4px  
4px #395116 }
```

# Background

The CSS property to change the background color of an element to Hex 395116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395116 }
```

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

```
.background{ background-color:#395116 }
```

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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