

# Converting Colors

Hex(401A00)

Have a look what the booklet for  
Hex(401A00) contains.

<b>Hex(401A00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(401A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	401A00
RGB	64, 26, 0
RGB Percent	25%, 10%, 0%
CMY	0.7490, 0.8980, 1.0000
CMYK	0.00, 0.59, 1.00, 0.75
HSL	24°, 100%, 13%
HSV	24°, 100%, 25%
XYZ	2.4837, 1.8288, 0.2221
YIQ	34.3980, 30.9940, -0.0300

# Conversions

## Conversions Part 2

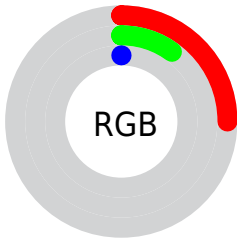
Format	Color
<a href="#">RYB</a>	64, 44, 0
Decimal	4200960
CIELab	14.56, 16.64, 21.93
CIELCh	15, 27.530, 52.805
Yxy	1.8288, 0.5477, 0.4033
Android (android.graphics.Color)	4282391040 (0xFF401A00)
YUV	34.3980, -16.9582, 25.9610
Hunter-Lab	13.5232, 9.1186, 8.4926

# Details

The Hex color **401A00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002640**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **73462F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **401A00**, and if you desaturate by 10%, it is **401E06**.

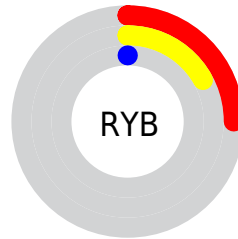
# Distribution



Red (25%)

Green (10%)

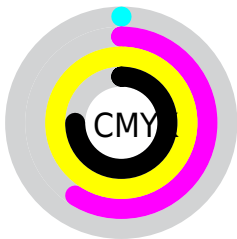
Blue (0%)



Red (25%)

Yellow (17%)

Blue (0%)

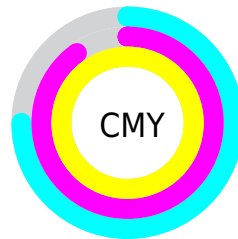


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 401A00 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 401A00 by changing the saturation by 10% instead.



 401A00

 401A00

 FFFFE2

 280300

 73462F

 000000

 8E5E46

 AA775E

 C69176

 E3AB90

 FFC7AB

 FFE3C6

 401A00

■ 401E06

■ 40220D

■ 402513

■ 40291A

■ 402D20

■ 403126

■ 40352D

■ 403833

■ 403C3A

# Harmonies

## Analogous

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



471217



401A00



332200

# Triad

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



401A00



002D1F



1B2249

# Complementary

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



401A00



002640

# 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.



00284B



401A00



002E33

# Square

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



401A00



052C0A



002C43



37193C

# Rectangle

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



401A00



272600



002C43



07244B



# Sweetspot

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



401A00



54453B



400026



2B221C



ABABAB



2B2B2B



# Same Dimension

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



401A00



542200



403A00



211F1E



612700



E05B00



# Inverse Universe

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



002640



003254



000640



1E2021



003A61

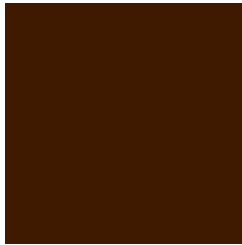


0085E0



# Previews

## White Background



This preview shows how the Hex color 401A00 looks on a white background.

## Color Contrast Check

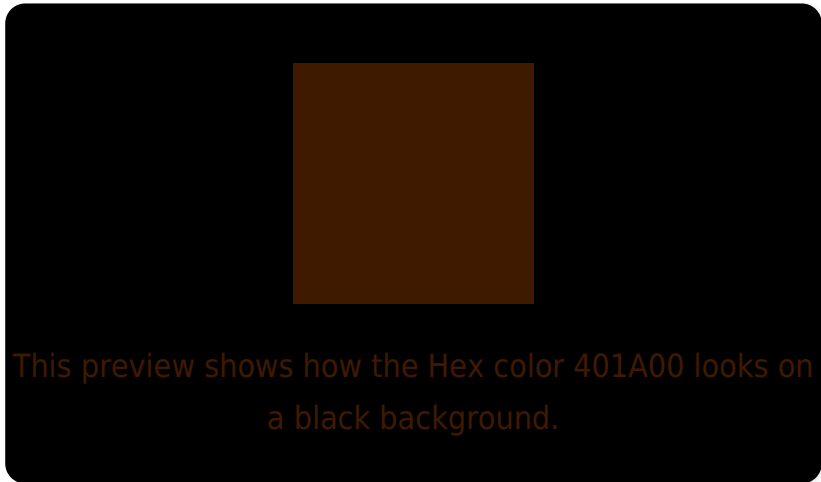
Large Text (above 18pt) WCAG AA ✓ Pass

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

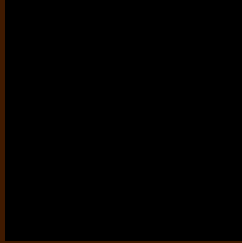
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 401A00 Background



This preview shows how black text looks on a background with the Hex color 401A00.



This preview shows how white text looks on a background with the Hex color 401A00.

# 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**  
401A00

**Protanopia**  
2B2606

**Deuteranopia**  
302400



**Tritanopia**  
41181A

# Trichromacy



**Original Color**  
401A00

**Protanomaly**  
332204

**Deuteranomaly**  
362000

**Tritanomaly**  
411911

# Monochromacy



**Original Color**  
401A00

**Achromatopsia**  
222222

**Achromatomaly**  
2D1F16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 401A00 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 #401A00 looks like.

```
.text, #text, p{  
    color:#401A00  
}
```

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 #401A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401A00  
}
```

## Border

The CSS property to change the border of an element to Hex 401A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

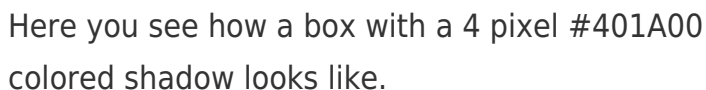
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#401A00 }
```

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

```
.border{ border-color:#401A00 }
```

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



Here you see how a box with a 4 pixel #401A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401A00; -webkit-box-shadow:4px 4px  
4px 4px #401A00; box-shadow:4px 4px 4px  
4px #401A00 }
```

# Background

The CSS property to change the background color of an element to Hex 401A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401A00 }
```

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

```
.background{ background-color:#401A00 }
```

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