

Converting Colors

Hex(401A0E)

Have a look what the booklet for
Hex(401A0E) contains.

Hex(401A0E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(401A0E)

Conversions

Conversions Part 1

Format	Color
Hex	401A0E
RGB	64, 26, 14
RGB Percent	25%, 10%, 5%
CMY	0.7490, 0.8980, 0.9451
CMYK	0.00, 0.59, 0.78, 0.75
HSL	14°, 64%, 15%
HSV	14°, 78%, 25%
XYZ	2.5630, 1.8605, 0.6395
YIQ	35.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

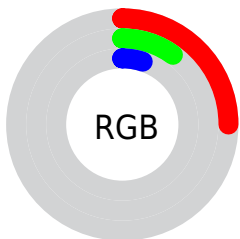
Format	Color
RYB	64, 30, 14
Decimal	4200974
CIELab	14.74, 17.45, 16.26
CIELCh	15, 23.851, 42.986
Yxy	1.8605, 0.5062, 0.3675
Android (android.graphics.Color)	4282391054 (0xFF401A0E)
YUV	35.9940, -10.8430, 24.5613
Hunter-Lab	13.6400, 9.6711, 6.7682

Details

The Hex color **401A0E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E3440**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **734639**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **401508**, and if you desaturate by 10%, it is **401F14**.

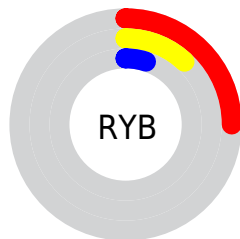
Distribution



Red (25%)

Green (10%)

Blue (5%)



Red (25%)

Yellow (12%)

Blue (5%)

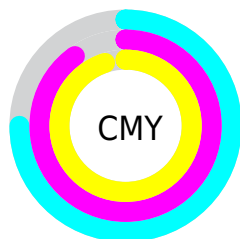


Cyan (0%)

Magenta (59%)

Yellow (78%)

Black (75%)



Cyan (75%)

Magenta (90%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401A0E 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 401A0E by changing the saturation by 10% instead.

 401A0E

 401A0E

 FFFFEE

 290300

 734639

 000000

 8E5E50

 A97768

 C59181

 E2AC9B

 FFC7B6

 FFE3D1

 401A0E

 401A0E

■ 401508

■ 401F14

■ 401001

■ 40241B

■ 400F00

■ 402921

■ 402D28

■ 40322E

■ 403734

■ 403C3B

■ 404141

■ 404648

Harmonies

Analogous

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



44151F



401A0E



362100

Triad

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



401A0E



002D1B



122546

Complementary

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



401A0E



0E3440

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.



002A45



401A0E



002D2C

Square

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



401A0E



152A09



002C3C



2F1D3E

Rectangle

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



401A0E



2D2500



002C3C



002747

Sweetspot

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



401A0E



544541



400E34



2B221F



ABABAB



2B2B2B

Same Dimension

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



401A0E



541805



40330E



211F1E



611700



E03600

Inverse Universe

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



0E3440



054154



0E1B40



1E2021



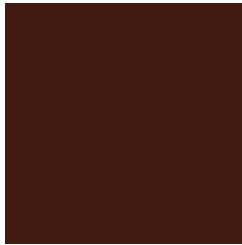
004A61



00ABE0

Previews

White Background



This preview shows how the Hex color 401A0E looks on a white background.

Color Contrast Check

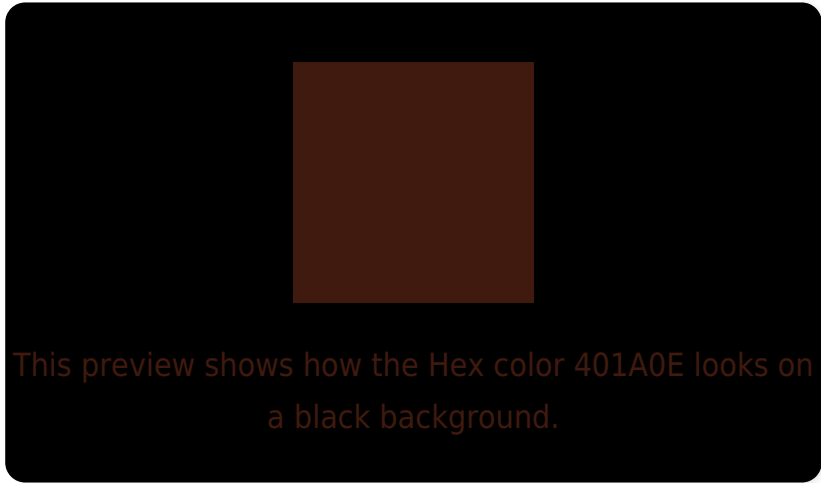
Large Text (above 18pt) WCAG AA ✓ Pass

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

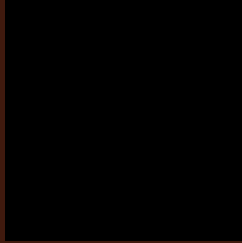
Any Text WCAG AA × Fail

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 401A0E Background



This preview shows how black text looks on a background with the Hex color 401A0E.

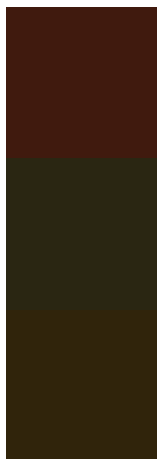


This preview shows how white text looks on a background with the Hex color 401A0E.

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
401A0E

Protanopia
2A2612

Deuteranopia
30240B



Tritanopia
40191A

Trichromacy



Original Color

401A0E

Protanomaly

322211

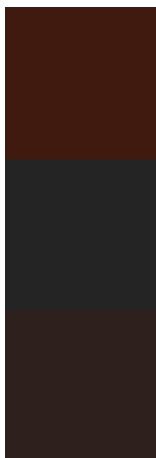
Deuteranomaly

36200C

Tritanomaly

401916

Monochromacy



Original Color

401A0E

Achromatopsia

242424

Achromatomaly

2E201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 401A0E 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 #401A0E looks like.

```
.text, #text, p{  
    color:#401A0E  
}
```

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 #401A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401A0E
}
```

Border

The CSS property to change the border of an element to Hex 401A0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

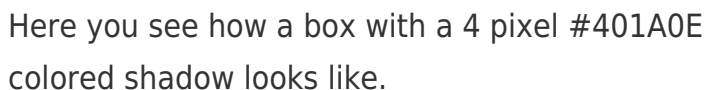
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401A0E }
```

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

```
.border{ border-color:#401A0E }
```

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



Here you see how a box with a 4 pixel #401A0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401A0E; -webkit-box-shadow:4px 4px  
4px 4px #401A0E; box-shadow:4px 4px 4px  
4px #401A0E }
```

Background

The CSS property to change the background color of an element to Hex 401A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401A0E }
```

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

```
.background{ background-color:#401A0E }
```

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