

Converting Colors

Hex(401E11)

Have a look what the booklet for
Hex(401E11) contains.

Hex(401E11)	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(401E11)

Conversions

Conversions Part 1

Format	Color
Hex	401E11
RGB	64, 30, 17
RGB Percent	25%, 12%, 7%
CMY	0.7490, 0.8824, 0.9333
CMYK	0.00, 0.53, 0.73, 0.75
HSL	17°, 58%, 16%
HSV	17°, 73%, 25%
XYZ	2.6798, 2.0590, 0.7865
YIQ	38.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

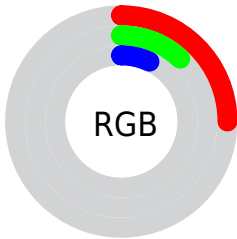
Format	Color
RYB	64, 35, 17
Decimal	4202001
CIELab	15.79, 15.14, 15.98
CIELCh	16, 22.012, 46.553
Yxy	2.0590, 0.4850, 0.3726
Android (android.graphics.Color)	4282392081 (0xFF401E11)
YUV	38.6840, -10.6902, 22.2021
Hunter-Lab	14.3492, 8.2247, 6.7947

Details

The Hex color **401E11** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113340**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **734A3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40190B**, and if you desaturate by 10%, it is **402317**.

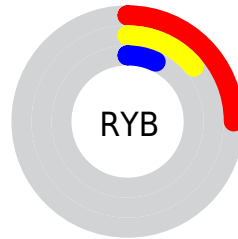
Distribution



Red (25%)

Green (12%)

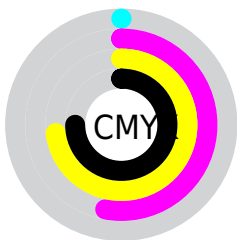
Blue (7%)



Red (25%)

Yellow (14%)

Blue (7%)

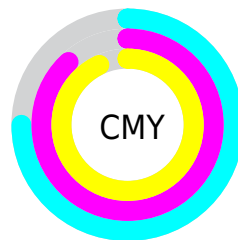


Cyan (0%)

Magenta (53%)

Yellow (73%)

Black (75%)



Cyan (75%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401E11 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 401E11 by changing the saturation by 10% instead.



401E11



401E11



FFFFFF1



290800



734A3B



000000



8D6253



A87C6B



C49584



E1B09E



FECCB9



FFE8D5



401E11



401E11

■ 40190B

■ 402317

■ 401504

■ 40271E

■ 401200

■ 402C24

■ 40312B

■ 403531

■ 403A37

■ 403E3E

■ 404344

■ 40484B

Harmonies

Analogous

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



441A1F



401E11



362404

Triad

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



401E11



002F20



1B2645

Complementary

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



401E11



113340

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.



002B46



401E11



002F30

Square

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



401E11



162D11



002E3E



33203D

Rectangle

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



401E11



2D2803



002E3E



0F2846

Sweetspot

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



401E11



544742



401133



2B2320



ABABAB



2B2B2B

Same Dimension

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



401E11



541F0A



403511



211F1E



611B00



E03E00

Inverse Universe

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



113340



0A4054



111C40



1E2021



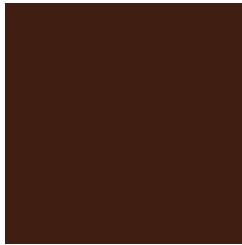
004661



00A2E0

Previews

White Background



This preview shows how the Hex color 401E11 looks on a white background.

Color Contrast Check

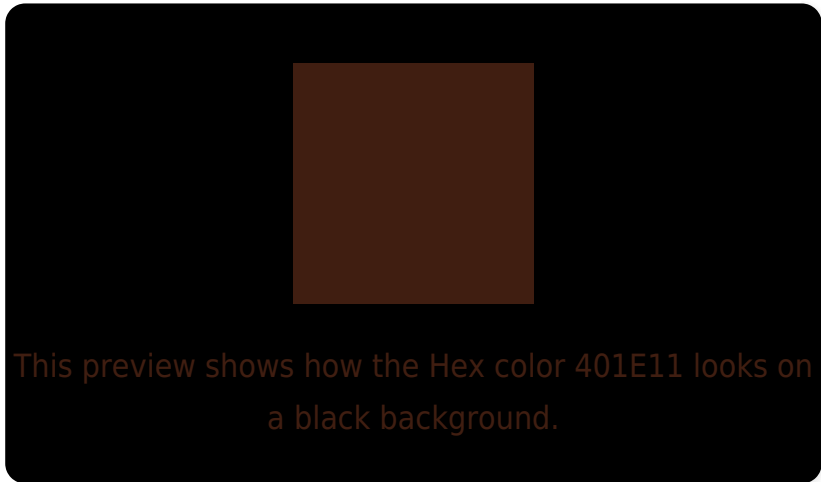
Large Text (above 18pt) WCAG AA ✓ Pass

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

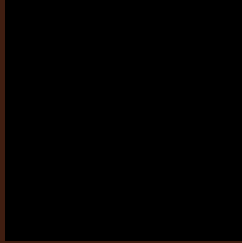
Any Text WCAG AA × Fail

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 401E11 Background



This preview shows how black text looks on a background with the Hex color 401E11.

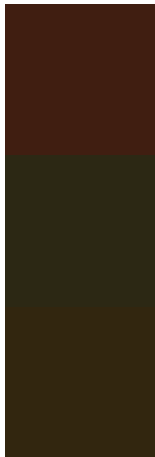


This preview shows how white text looks on a background with the Hex color 401E11.

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
401E11

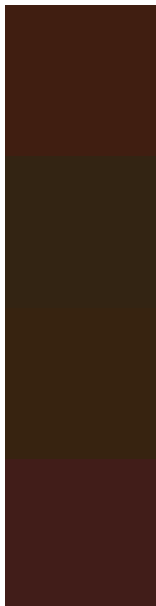
Protanopia
2C2814

Deuteranopia
32260F



Tritanopia
411C1E

Trichromacy



Original Color

401E11

Protanomaly

332413

Deuteranomaly

372310

Tritanomaly

411D19

Monochromacy



Original Color

401E11

Achromatopsia

272727

Achromatomaly

30241F

CSS Examples

Text

The CSS property to change the color of the text to Hex 401E11 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 #401E11 looks like.

```
.text, #text, p{  
    color:#401E11  
}
```

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 #401E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401E11
}
```

Border

The CSS property to change the border of an element to Hex 401E11 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".

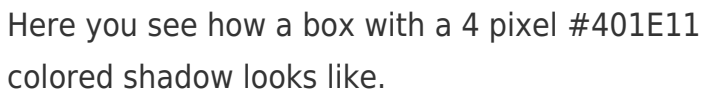
```
.border, #border, table{ border:4px solid
#401E11 }
```

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

```
.border{ border-color:#401E11 }
```

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

Here you see how a box with a 4 pixel #401E11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401E11; -webkit-box-shadow:4px 4px  
4px 4px #401E11; box-shadow:4px 4px 4px  
4px #401E11 }
```

Background

The CSS property to change the background color of an element to Hex 401E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401E11 }
```

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

```
.background{ background-color:#401E11 }
```

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