

Converting Colors

Hex(440400)

Have a look what the booklet for
Hex(440400) contains.

Hex(440400)	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>	28

Color

Hex(440400)

Conversions

Conversions Part 1

Format	Color
Hex	440400
RGB	68, 4, 0
RGB Percent	27%, 2%, 0%
CMY	0.7333, 0.9843, 1.0000
CMYK	0.00, 0.94, 1.00, 0.73
HSL	4°, 100%, 13%
HSV	4°, 100%, 27%
XYZ	2.4273, 1.3158, 0.1260
YIQ	22.6800, 39.4280, 12.3240

Conversions

Conversions Part 2

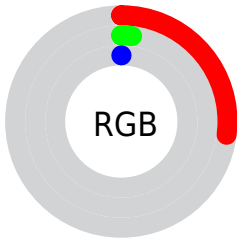
Format	Color
RYB	68, 4, 0
Decimal	4457472
CIELab	11.39, 29.20, 17.83
CIELCh	11, 34.213, 31.403
Yxy	1.3158, 0.6274, 0.3401
Android (android.graphics.Color)	4282647552 (0xFF440400)
YUV	22.6800, -11.1812, 39.7456
Hunter-Lab	11.4707, 17.6985, 7.3781

Details

The Hex color **440400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004044**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **79352F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **440400**, and if you desaturate by 10%, it is **440A07**.

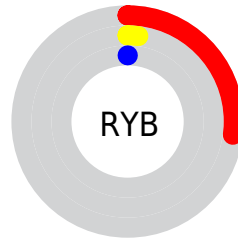
Distribution



Red (27%)

Green (2%)

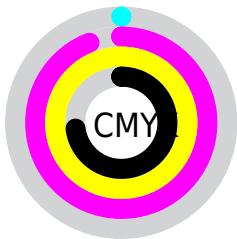
Blue (0%)



Red (27%)

Yellow (2%)

Blue (0%)

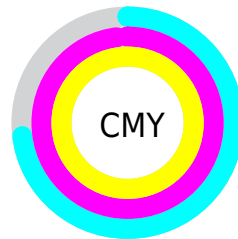


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440400 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 440400 by changing the saturation by 10% instead.

 440400

 440400

 FFEDE2

 2C0001

 79352F

 000000

 954D46

 B1665E

 CE7F76

 EB9A90

 FFB5AA

 FFD1C6

 440400

■ 440A07

■ 44110E

■ 441714

■ 441E1B

■ 442422

■ 442A29

■ 443130

■ 443736

■ 443E3D

Harmonies

Analogous

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



45001E



440400



381400

Triad

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



440400



002700



00214E

Complementary

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



440400



004044

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.



002648



440400



00291F

Square

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



440400



0E2400



002836



1C1747

Rectangle

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



440400



2D1B00



002836



00234D

Sweetspot

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



440400



59403E



440041



2E1E1D



ADADAD



2E2E2E

Same Dimension

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



440400



590500



442500



211E1E



610600



E00D00

Inverse Universe

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



004044



005459



001F44



1E2121



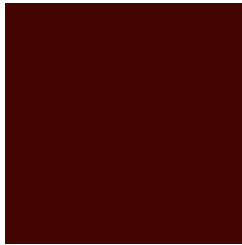
005B61



00D3E0

Previews

White Background



This preview shows how the Hex color 440400 looks on a white background.

Color Contrast Check

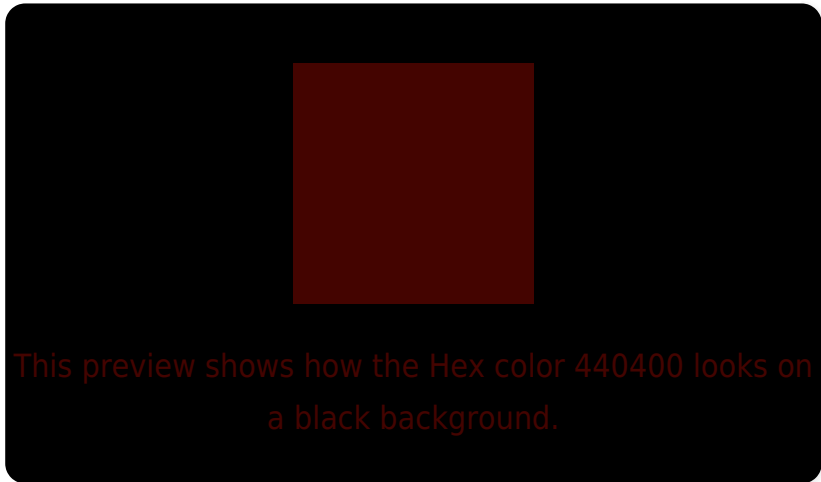
Large Text (above 18pt) WCAG AA ✓ Pass

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

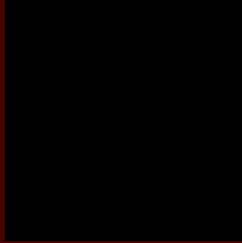
Any Text WCAG AA × Fail

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 440400 Background



This preview shows how black text looks on a background with the Hex color 440400.

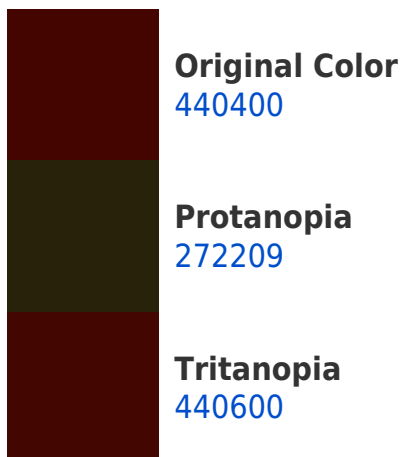


This preview shows how white text looks on a background with the Hex color 440400.

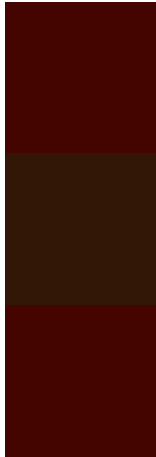
Color Blindness Simulation

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



Trichromacy

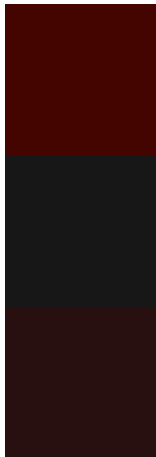


Original Color
440400

Protanomaly
321706

Tritanomaly
440500

Monochromacy



Original Color
440400

Achromatopsia
171717

Achromatomaly
27100F

CSS Examples

Text

The CSS property to change the color of the text to Hex 440400 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 #440400 looks like.

```
.text, #text, p{  
    color:#440400  
}
```

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 #440400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440400
}
```

Border

The CSS property to change the border of an element to Hex 440400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

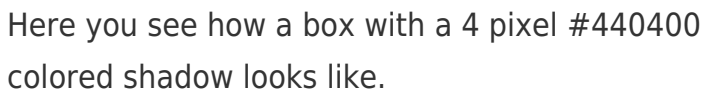
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440400 }
```

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

```
.border{ border-color:#440400 }
```

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



Here you see how a box with a 4 pixel #440400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440400; -webkit-box-shadow:4px 4px  
4px 4px #440400; box-shadow:4px 4px 4px  
4px #440400 }
```

Background

The CSS property to change the background color of an element to Hex 440400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440400 }
```

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

```
.background{ background-color:#440400 }
```

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