

Converting Colors

Hex(44401B)

Have a look what the booklet for
Hex(44401B) contains.

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Color

Hex(44401B)

Conversions

Conversions Part 1

Format	Color
Hex	44401B
RGB	68, 64, 27
RGB Percent	27%, 25%, 11%
CMY	0.7333, 0.7490, 0.8941
CMYK	0.00, 0.06, 0.60, 0.73
HSL	54°, 43%, 19%
HSV	54°, 60%, 27%
XYZ	4.4151, 4.9749, 1.7645
YIQ	60.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

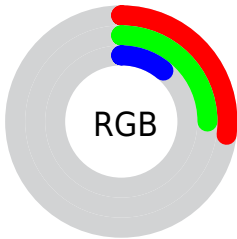
Format	Color
R_{YB}	31, 68, 27
Decimal	4472859
CIE Lab	26.66, -4.16, 22.95
CIE LCh	27, 23.319, 100.264
Yxy	4.9749, 0.3958, 0.4460
Android (android.graphics.Color)	4282662939 (0xFF44401B)
YUV	60.9780, -16.7512, 6.1583
Hunter-Lab	22.3044, -3.6989, 10.9228

Details

The Hex color **44401B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B1F44**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **757048**, and **161600** is the 20% darker color. If you saturate the color by 10%, you get **443F14**, and if you desaturate by 10%, it is **444122**.

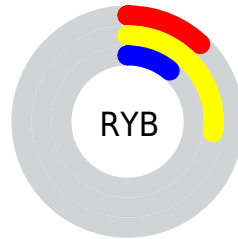
Distribution



Red (27%)

Green (25%)

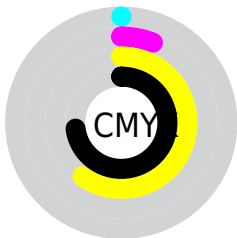
Blue (11%)



Red (12%)

Yellow (27%)

Blue (11%)

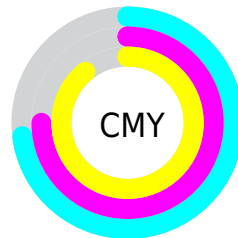


Cyan (0%)

Magenta (6%)

Yellow (60%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44401B 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 44401B by changing the saturation by 10% instead.



44401B



44401B

FFFFFF



2D2A03



757048



161600



8F8960



000000



AAA379



C6BE93



E2DAAD



FFF6C9



FFFFE5



44401B



44401B

■ 443F14

■ 444122

■ 443F0D

■ 444129

■ 443E07

■ 44422F

■ 443D00

■ 444336

■ 44433D

■ 444444

■ 44454B

■ 444551

■ 444658

Harmonies

Analogous

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



543A1D



44401B



314523

Triad

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



44401B



004755



5A324B

Complementary

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



44401B



1B1F44

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.



49385A



44401B



004460

Square

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



44401B



004845



2D3F62



61303A

Rectangle

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



44401B



21472D



2D3F62



553451

Sweetspot

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



44401B



595849



441B1F



2E2D24



ADADAD



2E2E2E

Same Dimension

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



44401B



595319



34441B



21211E



615700



E0CB00

Inverse Universe

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



1B1F44



191F59



2B1B44



1E1E21



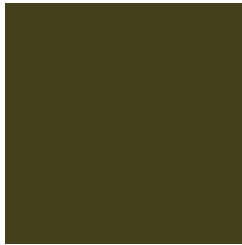
000961



0016E0

Previews

White Background



This preview shows how the Hex color 44401B looks on a white background.

Color Contrast Check

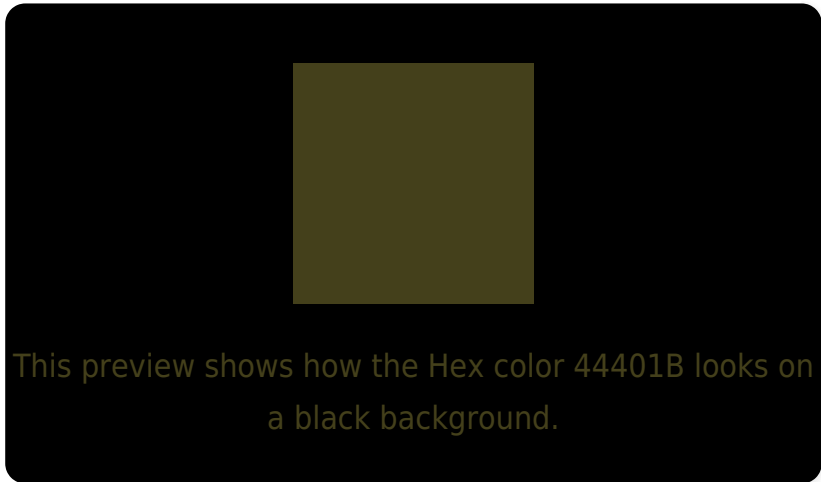
Large Text (above 18pt) WCAG AA ✓ Pass

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

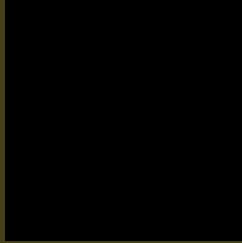
Any Text WCAG AA × Fail

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 44401B Background



This preview shows how black text looks on a background with the Hex color 44401B.

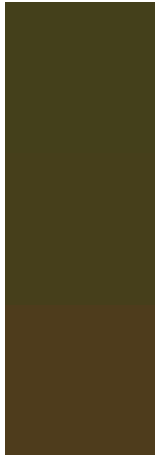


This preview shows how white text looks on a background with the Hex color 44401B.

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
44401B

Protanopia
463F1B

Deuteranopia
4E3C1C



Tritanopia
473C41

Trichromacy



Original Color
44401B

Protanomaly
453F1B

Deuteranomaly
4A3D1C

Tritanomaly
463D33

Monochromacy



Original Color
44401B

Achromatopsia
3D3D3D

Achromatomaly
403E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 44401B 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 #44401B looks like.

```
.text, #text, p{  
    color:#44401B  
}
```

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 #44401B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44401B
}
```

Border

The CSS property to change the border of an element to Hex 44401B is called "border". The border property can be set on classes, ids or directly on the HTML element.

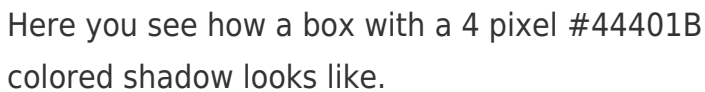
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44401B }
```

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

```
.border{ border-color:#44401B }
```

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



Here you see how a box with a 4 pixel #44401B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44401B; -webkit-box-shadow:4px 4px  
4px 4px #44401B; box-shadow:4px 4px 4px  
4px #44401B }
```

Background

The CSS property to change the background color of an element to Hex 44401B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44401B }
```

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

```
.background{ background-color:#44401B }
```

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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