

Converting Colors

Hex(401834)

Have a look what the booklet for
Hex(401834) contains.

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Color

Hex(401834)

Conversions

Conversions Part 1

Format	Color
Hex	401834
RGB	64, 24, 52
RGB Percent	25%, 9%, 20%
CMY	0.7490, 0.9059, 0.7961
CMYK	0.00, 0.62, 0.19, 0.75
HSL	318°, 45%, 17%
HSV	318°, 62%, 25%
XYZ	3.0608, 1.9912, 3.4718
YIQ	39.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

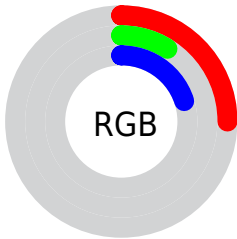
Format	Color
RYB	64, 24, 52
Decimal	4200500
CIELab	15.44, 23.55, -9.21
CIELCh	15, 25.291, 338.640
Yxy	1.9912, 0.3591, 0.2336
Android (android.graphics.Color)	4282390580 (0xFF401834)
YUV	39.1520, 6.3341, 21.7917
Hunter-Lab	14.1110, 14.0244, -4.7099

Details

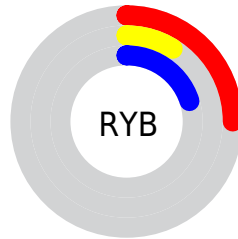
The Hex color **401834** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **184024**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **714563**, and **090003** is the 20% darker color. If you saturate the color by 10%, you get **401232**, and if you desaturate by 10%, it is **401E36**.

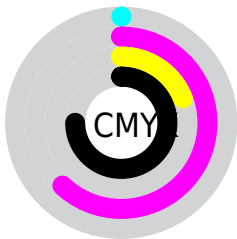
Distribution



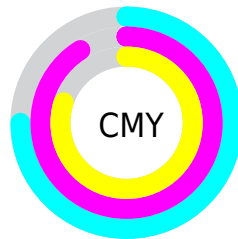
- Red (25%)
- Green (9%)
- Blue (20%)



- Red (25%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (19%)
- Black (75%)



- Cyan (75%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401834 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 401834 by changing the saturation by 10% instead.

■ 401834

■ 401834

FFFFFF

■ 29011F

■ 714563

■ 090003

■ 8B5D7B

■ 000000

■ A67795

■ C190B0

■ DEABCB

■ FAC7E7

■ FFE3FF

■ 401834

■ 401834

■ 401232

■ 401E36

■ 400B30

■ 402538

■ 40052E

■ 402B3A

■ 40002D

■ 40323C

■ 40383E

■ 403E40

■ 404541

■ 404B43

■ 405245

Harmonies

Analogous

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



2E2043



401834



471522

Triad

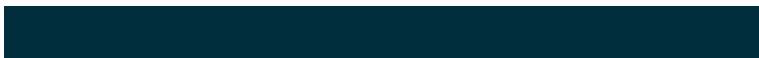
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



401834



2C2700



002E3D

Complementary

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



401834



184024

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.



002F2B



401834



182C06

Square

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



401834



3B2100



002E19



002C48

Rectangle

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



401834



461817



002E19



002F37

Sweetspot

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



401834



54444F



241840



2B2128



ABABAB



2B2B2B

Same Dimension

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



401834



541541



401820



211E20



610044



E0009D

Inverse Universe

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



401834



541541



184038



211E20



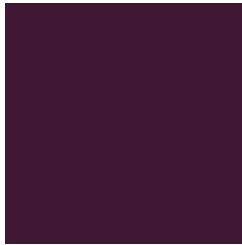
610044



E0009D

Previews

White Background



This preview shows how the Hex color 401834 looks on a white background.

Color Contrast Check

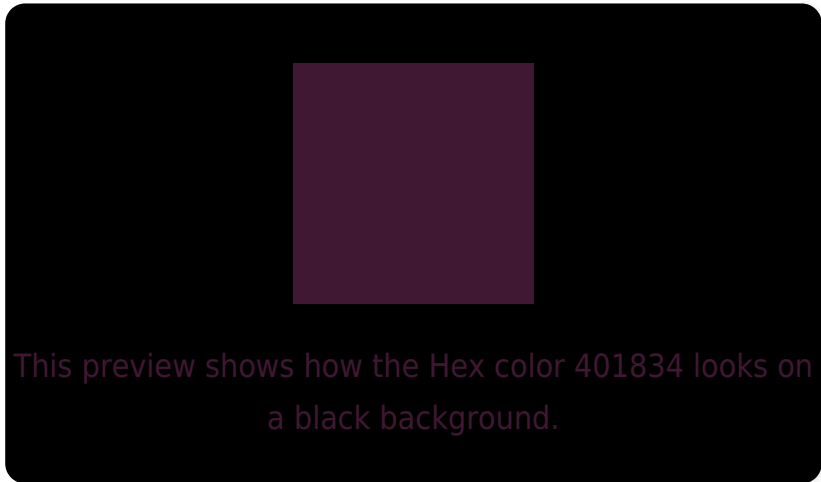
Large Text (above 18pt) WCAG AA ✓ Pass

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

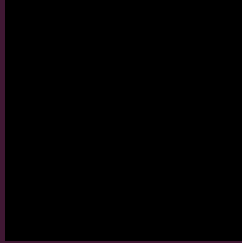
Any Text WCAG AA × Fail

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 401834 Background



This preview shows how black text looks on a background with the Hex color 401834.



This preview shows how white text looks on a background with the Hex color 401834.

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](#).

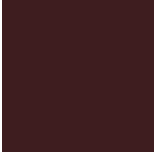
Dichromacy



Original Color
401834

Protanopia
1E2740

Deuteranopia
262732



Tritanopia
3E1D1F

Trichromacy



Original Color
401834

Protanomaly
2A223C

Deuteranomaly
2F2233

Tritanomaly
3F1B27

Monochromacy



Original Color
401834

Achromatopsia
272727

Achromatomaly
30222C

CSS Examples

Text

The CSS property to change the color of the text to Hex 401834 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 #401834 looks like.

```
.text, #text, p{  
    color:#401834  
}
```

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 #401834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401834
}
```

Border

The CSS property to change the border of an element to Hex 401834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

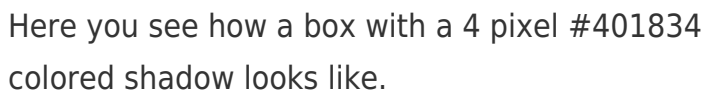
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401834 }
```

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

```
.border{ border-color:#401834 }
```

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



Here you see how a box with a 4 pixel #401834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401834; -webkit-box-shadow:4px 4px  
4px 4px #401834; box-shadow:4px 4px 4px  
4px #401834 }
```

Background

The CSS property to change the background color of an element to Hex 401834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401834 }
```

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

```
.background{ background-color:#401834 }
```

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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