

Converting Colors

Hex(401447)

Have a look what the booklet for
Hex(401447) contains.

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Color

Hex(401447)

Conversions

Conversions Part 1

Format	Color
Hex	401447
RGB	64, 20, 71
RGB Percent	25%, 8%, 28%
CMY	0.7490, 0.9216, 0.7216
CMYK	0.10, 0.72, 0.00, 0.72
HSL	292°, 56%, 18%
HSV	292°, 72%, 28%
XYZ	3.5018, 2.0452, 6.1714
YIQ	38.9700, 9.8530, 25.1890

Conversions

Conversions Part 2

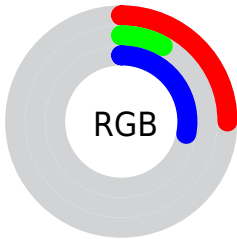
Format	Color
RYB	64, 20, 71
Decimal	4199495
CIELab	15.72, 29.64, -22.13
CIElCh	16, 36.990, 323.252
Yxy	2.0452, 0.2988, 0.1745
Android (android.graphics.Color)	4282389575 (0xFF401447)
YUV	38.9700, 15.7908, 21.9513
Hunter-Lab	14.3012, 18.6812, -15.5748

Details

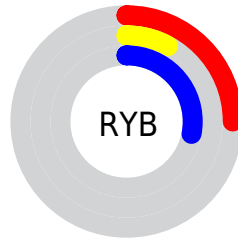
The Hex color **401447** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B4714**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **724378**, and **0C001B** is the 20% darker color. If you saturate the color by 10%, you get **3F0D47**, and if you desaturate by 10%, it is **411B47**.

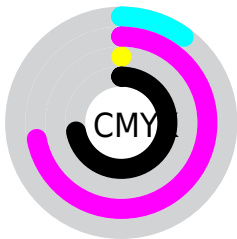
Distribution



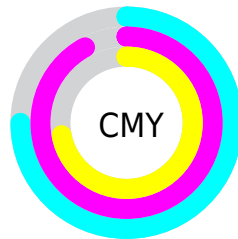
- Red (25%)
- Green (8%)
- Blue (28%)



- Red (25%)
- Yellow (8%)
- Blue (28%)



- Cyan (10%)
- Magenta (72%)
- Yellow (0%)
- Black (72%)



- Cyan (75%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401447 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 401447 by changing the saturation by 10% instead.

 401447

 401447

 FFFDFF

 290030

 724378

 0C001B

 8C5B92

 000000

 A774AC

 C28EC8

 DEA9E4

 FBC4FF

 FFE0FF

 401447

 401447

■ 3F0D47

■ 411B47

■ 3E0647

■ 422247

■ 3D0047

■ 432947

■ 443047

■ 453847

■ 463F47

■ 474647

■ 484D47

■ 495447

Harmonies

Analogous

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



132358



401447



51042E

Triad

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



401447



372400



00323B

Complementary

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



401447



1B4714

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.



003220



401447



1F2C00

Square

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



401447



491700



003000



003151

Rectangle

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



401447



54031D



003000



003233

Sweetspot

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



401447



59485C



141C47



2C222E



ADADAD



2E2E2E

Same Dimension

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



401447



510D5C



471435



232024



560063



C400E3

Inverse Universe

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



47141B



5C0D18



144726



242021



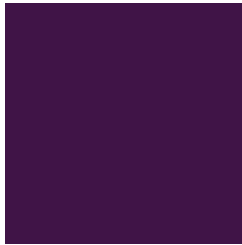
63000E



E3001F

Previews

White Background



This preview shows how the Hex color 401447 looks on a white background.

Color Contrast Check

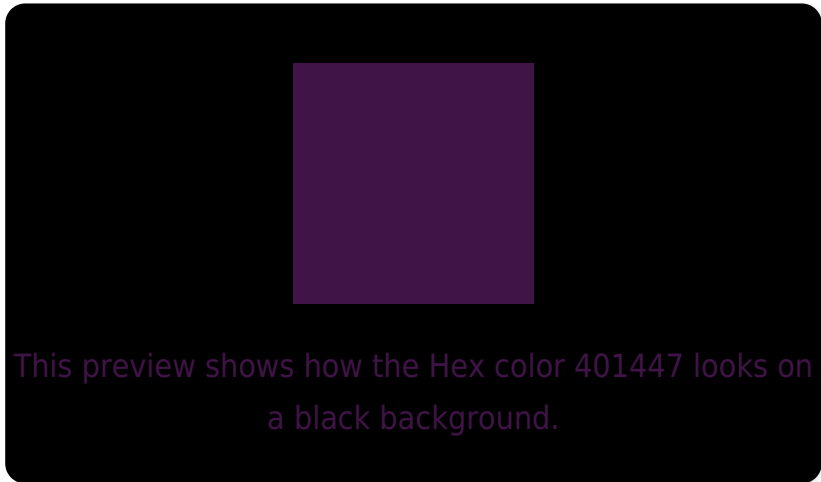
Large Text (above 18pt) WCAG AA ✓ Pass

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

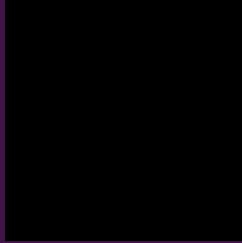
Any Text WCAG AA × Fail

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 401447 Background



This preview shows how black text looks on a background with the Hex color 401447.



This preview shows how white text looks on a background with the Hex color 401447.

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](#).

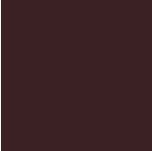
Dichromacy



Original Color
401447

Protanopia
002753

Deuteranopia
172944



Tritanopia
3B2123

Trichromacy



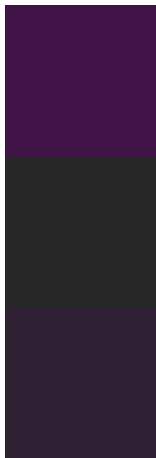
Original Color
401447

Protanomaly
17204F

Deuteranomaly
262145

Tritanomaly
3D1C30

Monochromacy



Original Color
401447

Achromatopsia
272727

Achromatomaly
302033

CSS Examples

Text

The CSS property to change the color of the text to Hex 401447 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 #401447 looks like.

```
.text, #text, p{  
    color:#401447  
}
```

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 #401447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401447
}
```

Border

The CSS property to change the border of an element to Hex 401447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

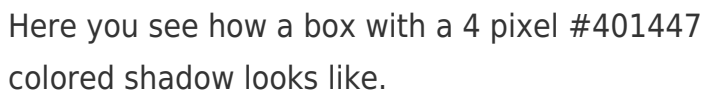
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401447 }
```

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

```
.border{ border-color:#401447 }
```

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



Here you see how a box with a 4 pixel #401447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401447; -webkit-box-shadow:4px 4px  
4px 4px #401447; box-shadow:4px 4px 4px  
4px #401447 }
```

Background

The CSS property to change the background color of an element to Hex 401447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401447 }
```

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

```
.background{ background-color:#401447 }
```

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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