

Converting Colors

Hex(401B45)

Have a look what the booklet for
Hex(401B45) contains.

Hex(401B45)	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(401B45)

Conversions

Conversions Part 1

Format	Color
Hex	401B45
RGB	64, 27, 69
RGB Percent	25%, 11%, 27%
CMY	0.7490, 0.8941, 0.7294
CMYK	0.07, 0.61, 0.00, 0.73
HSL	293°, 44%, 19%
HSV	293°, 61%, 27%
XYZ	3.5805, 2.3035, 5.8861
YIQ	42.8510, 8.5700, 20.9060

Conversions

Conversions Part 2

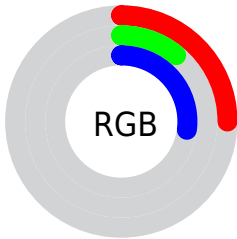
Format	Color
RYB	64, 27, 69
Decimal	4201285
CIELab	17.01, 25.35, -18.72
CIELCh	17, 31.507, 323.556
Yxy	2.3035, 0.3042, 0.1957
Android (android.graphics.Color)	4282391365 (0xFF401B45)
YUV	42.8510, 12.8915, 18.5477
Hunter-Lab	15.1774, 15.5492, -12.3699

Details

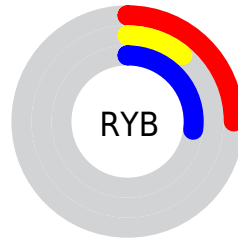
The Hex color **401B45** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20451B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **714975**, and **10001A** is the 20% darker color. If you saturate the color by 10%, you get **3F1445**, and if you desaturate by 10%, it is **412245**.

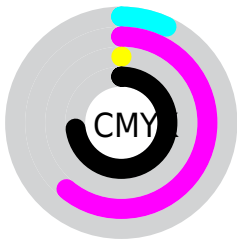
Distribution



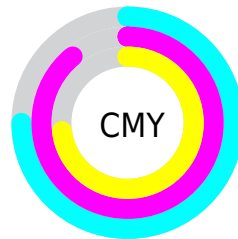
- Red (25%)
- Green (11%)
- Blue (27%)



- Red (25%)
- Yellow (11%)
- Blue (27%)



- Cyan (7%)
- Magenta (61%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401B45 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 401B45 by changing the saturation by 10% instead.



401B45



401B45

FFFFFF



29052E



714975



10001A



8B618F



000000



A67AAA



C194C5



DDAFE1



FACBFE



FFE7FF



401B45



401B45

■ 3F1445

■ 412245

■ 3E0D45

■ 422945

■ 3E0645

■ 423045

■ 3D0045

■ 433745

■ 443E45

■ 454445

■ 464B45

■ 475245

■ 475945

Harmonies

Analogous

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



1E2654



401B45



4F1230

Triad

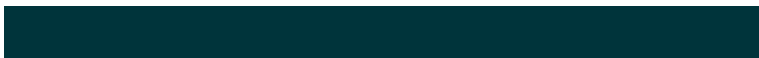
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



401B45



392700



00343B

Complementary

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



401B45



20451B

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.



003424



401B45



252E00

Square

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



401B45



491D00



01320C



00324E

Rectangle

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



401B45



521121



01320C



003434

Sweetspot

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



401B45



574959



1B2145



2D242E



ADADAD



2E2E2E

Same Dimension

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



401B45



511859



451B36



232024



580063



C800E3

Inverse Universe

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



451B20



591820



1B452A



242021



63000C



E3001B

Previews

White Background



This preview shows how the Hex color 401B45 looks on a white background.

Color Contrast Check

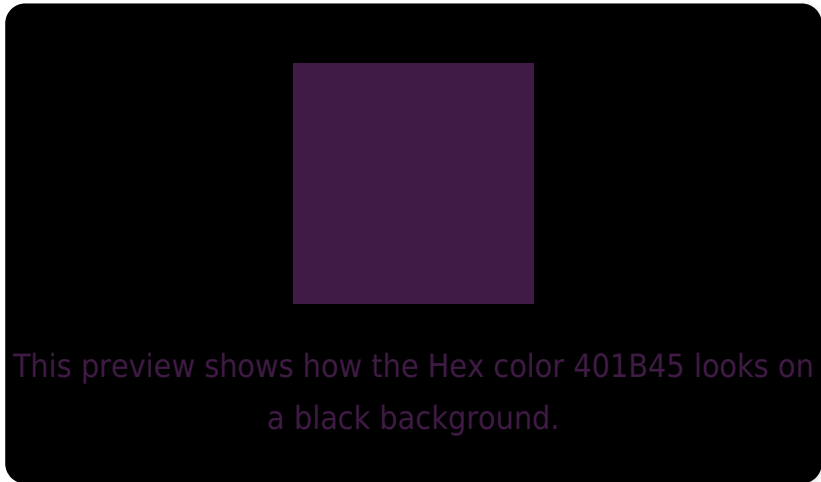
Large Text (above 18pt) WCAG AA ✓ Pass

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

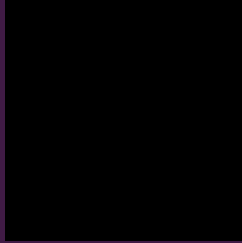
Any Text WCAG AA × Fail

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 401B45 Background



This preview shows how black text looks on a background with the Hex color 401B45.



This preview shows how white text looks on a background with the Hex color 401B45.

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](#).

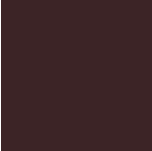
Dichromacy



Original Color
401B45

Protanopia
132953

Deuteranopia
1F2B42



Tritanopia
3C2426

Trichromacy



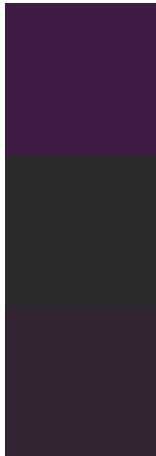
Original Color
401B45

Protanomaly
23244E

Deuteranomaly
2B2543

Tritanomaly
3D2131

Monochromacy



Original Color
401B45

Achromatopsia
2B2B2B

Achromatomaly
332534

CSS Examples

Text

The CSS property to change the color of the text to Hex 401B45 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 #401B45 looks like.

```
.text, #text, p{  
    color:#401B45  
}
```

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 #401B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401B45
}
```

Border

The CSS property to change the border of an element to Hex 401B45 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
#401B45 }
```

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

```
.border{ border-color:#401B45 }
```

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

Here you see how a box with a 4 pixel #401B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401B45; -webkit-box-shadow:4px 4px  
4px 4px #401B45; box-shadow:4px 4px 4px  
4px #401B45 }
```

Background

The CSS property to change the background color of an element to Hex 401B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401B45 }
```

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

```
.background{ background-color:#401B45 }
```

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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