

Converting Colors

Hex(401D5C)

Have a look what the booklet for
Hex(401D5C) contains.

Hex(401D5C)	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(401D5C)

Conversions

Conversions Part 1

Format	Color
Hex	401D5C
RGB	64, 29, 92
RGB Percent	25%, 11%, 36%
CMY	0.7490, 0.8863, 0.6392
CMYK	0.30, 0.68, 0.00, 0.64
HSL	273°, 52%, 24%
HSV	273°, 68%, 36%
XYZ	4.4855, 2.7414, 10.4180
YIQ	46.6470, 0.6370, 27.0130

Conversions

Conversions Part 2

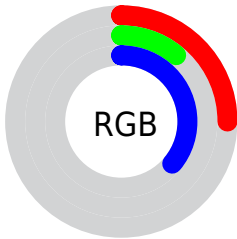
Format	Color
RYB	64, 29, 92
Decimal	4201820
CIELab	18.98, 29.92, -31.17
CIElCh	19, 43.209, 313.831
Yxy	2.7414, 0.2542, 0.1554
Android (android.graphics.Color)	4282391900 (0xFF401D5C)
YUV	46.6470, 22.3590, 15.2186
Hunter-Lab	16.5572, 19.3818, -25.7157

Details

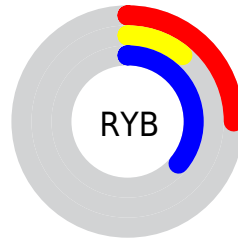
The Hex color **401D5C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **395C1D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **724B8F**, and **15002E** is the 20% darker color. If you saturate the color by 10%, you get **3C145C**, and if you desaturate by 10%, it is **44265C**.

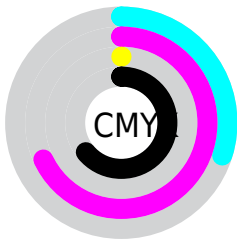
Distribution



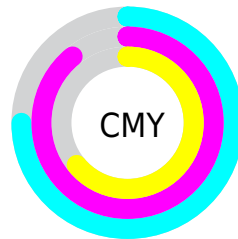
- Red (25%)
- Green (11%)
- Blue (36%)



- Red (25%)
- Yellow (11%)
- Blue (36%)



- Cyan (30%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401D5C 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 401D5C by changing the saturation by 10% instead.

 401D5C

 401D5C

FFFFFF

 280644

 724B8F

 15002E

 8D64A9

 000118

 A87DC5

 000000

 C397E1

 E0B2FE

 FDCEFF

 FFEAFF

 401D5C

 401D5C

■ 3C145C

■ 44265C

■ 380B5C

■ 482F5C

■ 34015C

■ 4C395C

■ 33005C

■ 50425C

■ 544B5C

■ 59545C

■ 5D5D5C

■ 61675C

■ 65705C

Harmonies

Analogous

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



002D6C



401D5C



5C0440

Triad

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



401D5C



482600



003B3C

Complementary

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



401D5C



395C1D

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.



003A1B



401D5C



2D3100

Square

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



401D5C



5B1400



033700



003A59

Rectangle

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



401D5C



63002C



033700



003B31

Sweetspot

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



401D5C



6D5F78



1D395C



362E3D



BDBDBD



3D3D3D

Same Dimension

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



401D5C



4C1678



5C1D59



2C292E



3D006E



8400ED

Inverse Universe

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



5C1D39



781641



1D5C20



2E292B



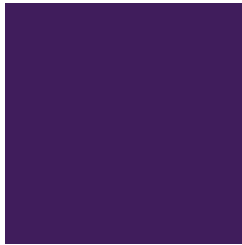
6E0031



ED0069

Previews

White Background



This preview shows how the Hex color 401D5C looks on a white background.

Color Contrast Check

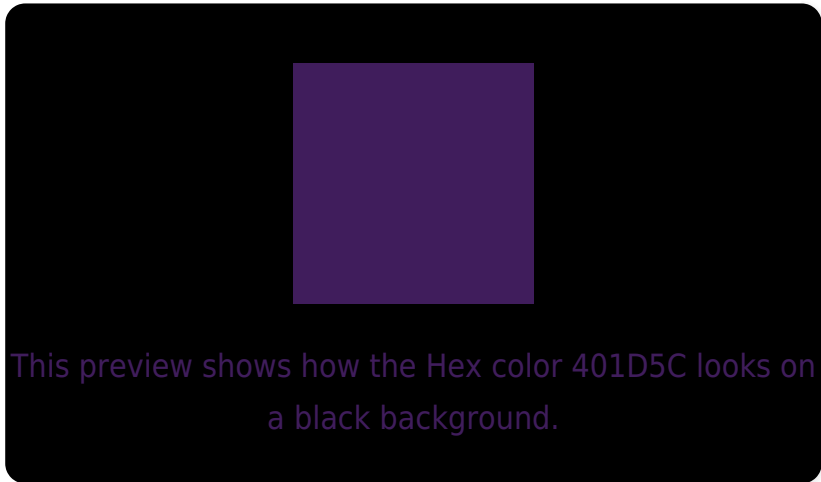
Large Text (above 18pt) WCAG AA ✓ Pass

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

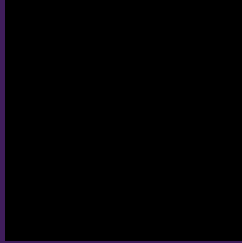
Any Text WCAG AA × Fail

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 401D5C Background



This preview shows how black text looks on a background with the Hex color 401D5C.



This preview shows how white text looks on a background with the Hex color 401D5C.

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
401D5C

Protanopia
002D60

Deuteranopia
003054



Tritanopia
382C2F

Trichromacy



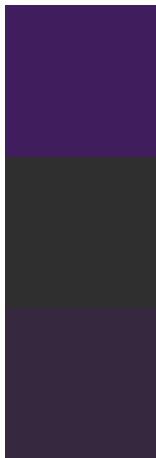
Original Color
401D5C

Protanomaly
17275F

Deuteranomaly
172957

Tritanomaly
3B273F

Monochromacy



Original Color
401D5C

Achromatopsia
2F2F2F

Achromatomaly
35283F

CSS Examples

Text

The CSS property to change the color of the text to Hex 401D5C 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 #401D5C looks like.

```
.text, #text, p{  
    color:#401D5C  
}
```

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 #401D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401D5C
}
```

Border

The CSS property to change the border of an element to Hex 401D5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

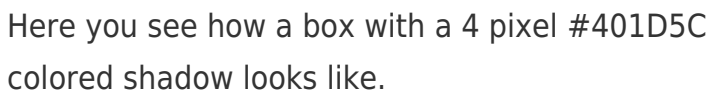
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401D5C }
```

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

```
.border{ border-color:#401D5C }
```

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



Here you see how a box with a 4 pixel #401D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401D5C; -webkit-box-shadow:4px 4px  
4px 4px #401D5C; box-shadow:4px 4px 4px  
4px #401D5C }
```

Background

The CSS property to change the background color of an element to Hex 401D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401D5C }
```

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

```
.background{ background-color:#401D5C }
```

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