

Converting Colors

Hex(401A85)

Have a look what the booklet for
Hex(401A85) contains.

Hex(401A85)	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(401A85)

Conversions

Conversions Part 1

Format	Color
Hex	401A85
RGB	64, 26, 133
RGB Percent	25%, 10%, 52%
CMY	0.7490, 0.8980, 0.4784
CMYK	0.52, 0.80, 0.00, 0.48
HSL	261°, 67%, 31%
HSV	261°, 80%, 52%
XYZ	6.7174, 3.5222, 22.5161
YIQ	49.5600, -11.6990, 41.3330

Conversions

Conversions Part 2

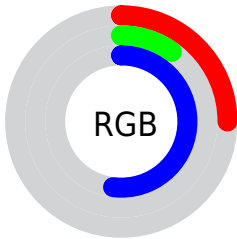
Format	Color
RYB	64, 26, 133
Decimal	4201093
CIELab	22.02, 42.82, -52.71
CIElCh	22, 67.914, 309.092
Yxy	3.5222, 0.2051, 0.1075
Android (android.graphics.Color)	4282391173 (0xFF401A85)
YUV	49.5600, 41.1359, 12.6639
Hunter-Lab	18.7676, 31.0462, -57.9948

Details

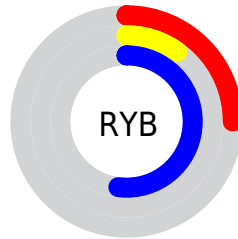
The Hex color **401A85** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F851A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **774BBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **370D85**, and if you desaturate by 10%, it is **492785**.

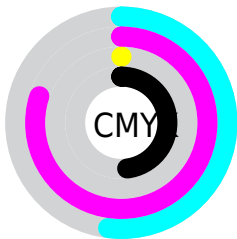
Distribution



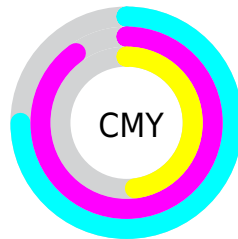
- Red (25%)
- Green (10%)
- Blue (52%)



- Red (25%)
- Yellow (10%)
- Blue (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (0%)
- Black (48%)



- Cyan (75%)
- Magenta (90%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401A85 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 401A85 by changing the saturation by 10% instead.

■ 401A85

■ 401A85

FFFFFF

■ 22006B

■ 774BBB

■ 000052

■ 9364D7

■ 00003A

■ AF7DF4

■ 000224

■ CC98FF

■ 00000B

■ E9B3FF

■ 000000

■ FFCFFF

■ FFE8FF

■ 401A85

■ 401A85

■ 370D85

■ 492785

■ 2F0085

■ 513585

■ 5A4285

■ 624F85

■ 6B5D85

■ 736A85

■ 7C7785

■ 858485

■ 8D9285

Harmonies

Analogous

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



00389C



401A85



78005A

Triad

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



401A85



5D2300



004644

Complementary

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



401A85



5F851A

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.



00450B



401A85



343800

Square

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



401A85



7A0000



004100



004775

Rectangle

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



401A85



850039



004100



004632

Sweetspot

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



401A85



9384AD



1A6085



463E57



D6D6D6



575757

Same Dimension

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



401A85



4105AD



751A85



3E3C42



2E0082



010003

Inverse Universe

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



851A5F



AD0572



2A851A



423C40



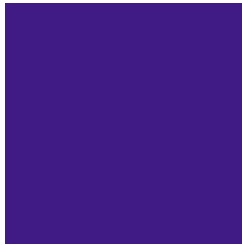
820054



030002

Previews

White Background



This preview shows how the Hex color 401A85 looks on a white background.

Color Contrast Check

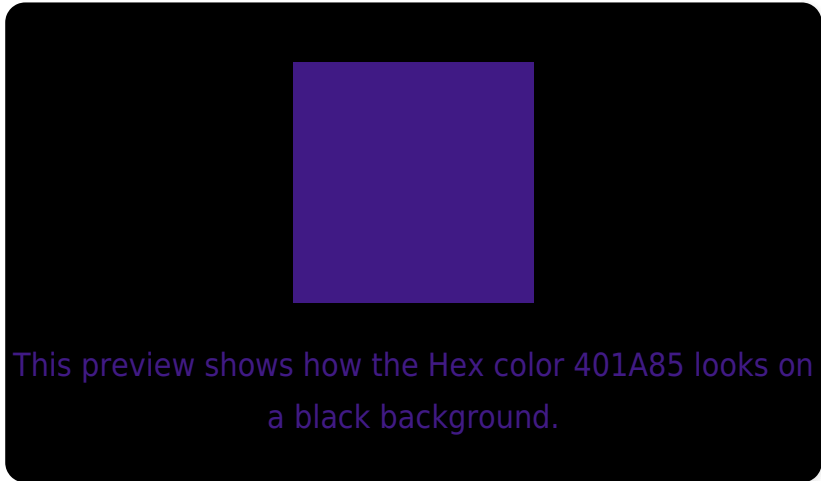
Large Text (above 18pt) WCAG AA ✓ Pass

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

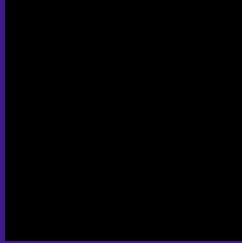
Any Text WCAG AA × Fail

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 401A85 Background



This preview shows how black text looks on a background with the Hex color 401A85.



This preview shows how white text looks on a background with the Hex color 401A85.

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](#).

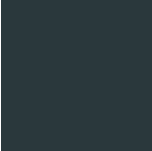
Dichromacy



Original Color
401A85

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
2A383C

Trichromacy



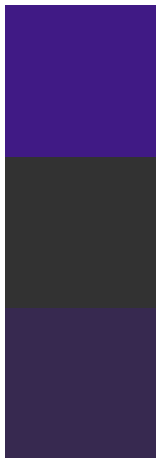
Original Color
401A85

Protanomaly
172B76

Deuteranomaly
172C6C

Tritanomaly
322D57

Monochromacy



Original Color
401A85

Achromatopsia
323232

Achromatomaly
372950

CSS Examples

Text

The CSS property to change the color of the text to Hex 401A85 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 #401A85 looks like.

```
.text, #text, p{  
    color:#401A85  
}
```

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 #401A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401A85
}
```

Border

The CSS property to change the border of an element to Hex 401A85 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
#401A85 }
```

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

```
.border{ border-color:#401A85 }
```

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

Here you see how a box with a 4 pixel #401A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401A85; -webkit-box-shadow:4px 4px  
4px 4px #401A85; box-shadow:4px 4px 4px  
4px #401A85 }
```

Background

The CSS property to change the background color of an element to Hex 401A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401A85 }
```

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

```
.background{ background-color:#401A85 }
```

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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