

Converting Colors

Hex(401485)

Have a look what the booklet for
Hex(401485) contains.

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Color

Hex(401485)

Conversions

Conversions Part 1

Format	Color
Hex	401485
RGB	64, 20, 133
RGB Percent	25%, 8%, 52%
CMY	0.7490, 0.9216, 0.4784
CMYK	0.52, 0.85, 0.00, 0.48
HSL	263°, 74%, 30%
HSV	263°, 85%, 52%
XYZ	6.5981, 3.2838, 22.4764
YIQ	46.0380, -10.0490, 44.4710

Conversions

Conversions Part 2

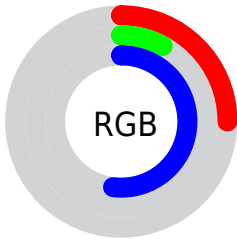
Format	Color
RYB	64, 20, 133
Decimal	4199557
CIELab	21.15, 45.38, -54.16
CIELCh	21, 70.655, 309.962
Yxy	3.2838, 0.2039, 0.1015
Android (android.graphics.Color)	4282389637 (0xFF401485)
YUV	46.0380, 42.8723, 15.7527
Hunter-Lab	18.1211, 33.2822, -60.8550

Details

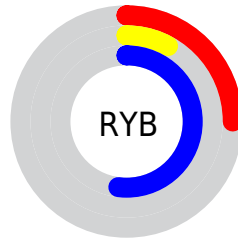
The Hex color **401485** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **598514**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7846BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **380785**, and if you desaturate by 10%, it is **482185**.

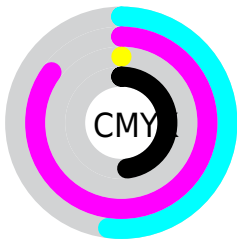
Distribution



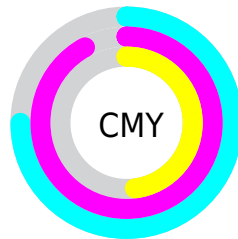
- Red (25%)
- Green (8%)
- Blue (52%)



- Red (25%)
- Yellow (8%)
- Blue (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (0%)
- Black (48%)



- Cyan (75%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401485 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 401485 by changing the saturation by 10% instead.

■ 401485

■ 401485

FFFFFF

■ 22006B

■ 7846BB

■ 000052

■ 935FD7

■ 00003A

■ B079F4

■ 000223

■ CD93FF

■ 00000B

■ EAAFFF

■ 000000

■ FFCAFF

■ FFE7FF

■ 401485

■ 401485

■ 380785

■ 482185

■ 340085

■ 502F85

■ 583C85

■ 604985

■ 695785

■ 716485

■ 797185

■ 817E85

■ 898C85

Harmonies

Analogous

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



00369D



401485



780058

Triad

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



401485



5B2100



004544

Complementary

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



401485



598514

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.



004309



401485



303700

Square

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



401485



790000



003F00



004576

Rectangle

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



401485



850036



003F00



004431

Sweetspot

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



401485



9382AD



145A85



473D57



D6D6D6



575757

Same Dimension

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



401485



4400AD



781485



3E3C42



330082



010003

Inverse Universe

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



851459



AD006A



218514



423C40



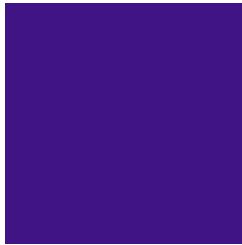
82004F



030002

Previews

White Background



This preview shows how the Hex color 401485 looks on a white background.

Color Contrast Check

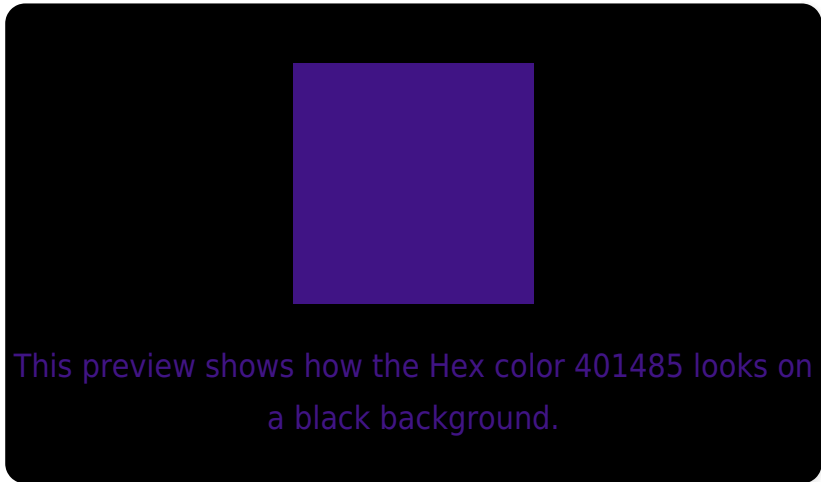
Large Text (above 18pt) WCAG AA ✓ Pass

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

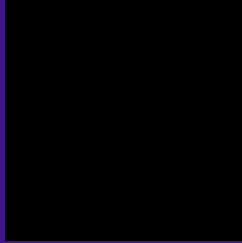
Any Text WCAG AA × Fail

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 401485 Background



This preview shows how black text looks on a background with the Hex color 401485.



This preview shows how white text looks on a background with the Hex color 401485.

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](#).

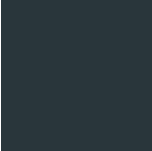
Dichromacy



Original Color
401485

Protanopia
00326A

Deuteranopia
00365B



Tritanopia
29363B

Trichromacy



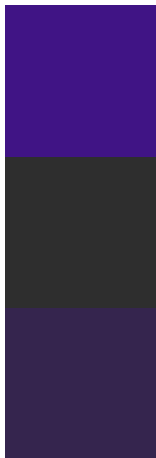
Original Color
401485

Protanomaly
172774

Deuteranomaly
172A6A

Tritanomaly
312A56

Monochromacy



Original Color
401485

Achromatopsia
2E2E2E

Achromatomaly
35254E

CSS Examples

Text

The CSS property to change the color of the text to Hex 401485 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 #401485 looks like.

```
.text, #text, p{  
    color:#401485  
}
```

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 #401485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401485
}
```

Border

The CSS property to change the border of an element to Hex 401485 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".

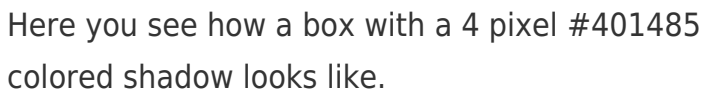
```
.border, #border, table{ border:4px solid
#401485 }
```

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

```
.border{ border-color:#401485 }
```

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

Here you see how a box with a 4 pixel #401485 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401485; -webkit-box-shadow:4px 4px  
4px 4px #401485; box-shadow:4px 4px 4px  
4px #401485 }
```

Background

The CSS property to change the background color of an element to Hex 401485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401485 }
```

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

```
.background{ background-color:#401485 }
```

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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