

Converting Colors

Hex(401D82)

Have a look what the booklet for
Hex(401D82) contains.

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Color

Hex(401D82)

Conversions

Conversions Part 1

Format	Color
Hex	401D82
RGB	64, 29, 130
RGB Percent	25%, 11%, 51%
CMY	0.7490, 0.8863, 0.4902
CMYK	0.51, 0.78, 0.00, 0.49
HSL	261°, 64%, 31%
HSV	261°, 78%, 51%
XYZ	6.5830, 3.5804, 21.4632
YIQ	50.9790, -11.5610, 38.8310

Conversions

Conversions Part 2

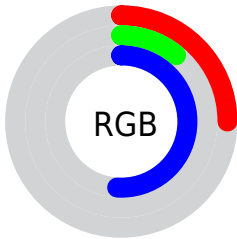
Format	Color
R_{YB}	64, 29, 130
Decimal	4201858
CIE _{Lab}	22.23, 40.54, -50.48
CIE _{LCh}	22, 64.742, 308.768
Yxy	3.5804, 0.2081, 0.1132
Android (android.graphics.Color)	4282391938 (0xFF401D82)
YUV	50.9790, 38.9574, 11.4194
Hunter-Lab	18.9220, 28.9868, -54.0072

Details

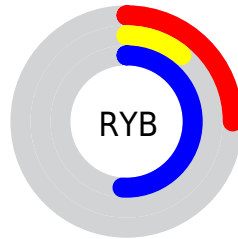
The Hex color **401D82** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F821D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **774DB8**, and **020050** is the 20% darker color. If you saturate the color by 10%, you get **381082**, and if you desaturate by 10%, it is **482A82**.

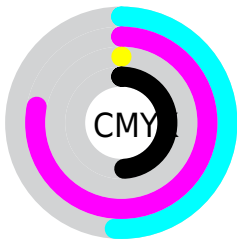
Distribution



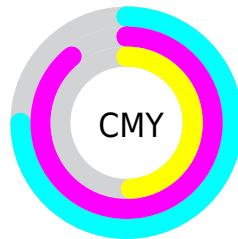
- Red (25%)
- Green (11%)
- Blue (51%)



- Red (25%)
- Yellow (11%)
- Blue (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (89%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 401D82 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 401D82 by changing the saturation by 10% instead.



401D82



401D82

FFFFFF



230468



774DB8



020050



9266D4



000038



AE80F1



000221



CB9AFF



000006



E8B5FF



000000



FFD1FF



FFEEFF



401D82



401D82

■ 381082

■ 482A82

■ 2F0382

■ 513782

■ 2D0082

■ 594482

■ 625182

■ 6A5E82

■ 736B82

■ 7B7882

■ 848582

■ 8C9282

Harmonies

Analogous

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



003997



401D82



750059

Triad

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



401D82



5D2400



004643

Complementary

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



401D82



5F821D

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.



00450D



401D82



363800

Square

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



401D82



790000



004100



004772

Rectangle

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



401D82



82003A



004100



004632

Sweetspot

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



401D82



8F82A8



1D6082



453D54



D4D4D4



545454

Same Dimension

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



401D82



420CA8



711D82



3C3940



2C0080



000000

Inverse Universe

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



821D5F



A80C72



2E821D



40393E



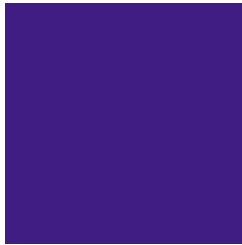
800053



000000

Previews

White Background



This preview shows how the Hex color 401D82 looks on a white background.

Color Contrast Check

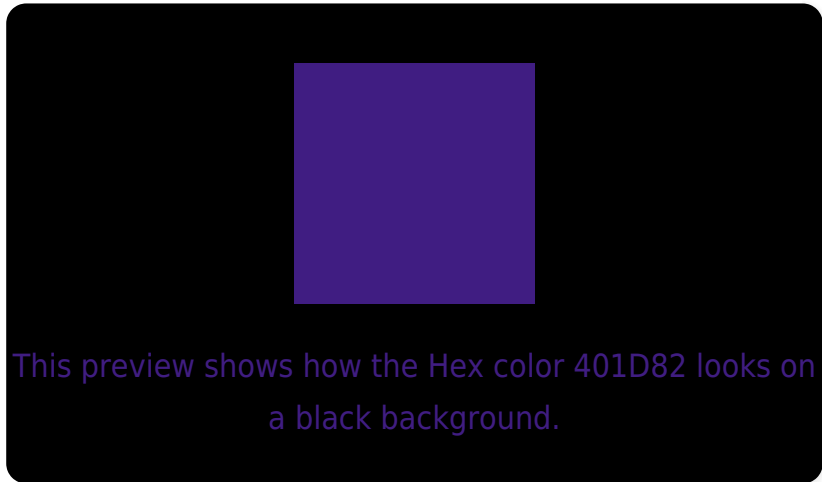
Large Text (above 18pt) WCAG AA ✓ Pass

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

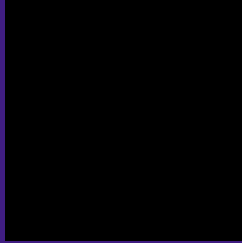
Any Text WCAG AA × Fail

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 401D82 Background



This preview shows how black text looks on a background with the Hex color 401D82.



This preview shows how white text looks on a background with the Hex color 401D82.

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
401D82

Deuteranopia
00385E

Tritanopia
2B383C

Trichromacy

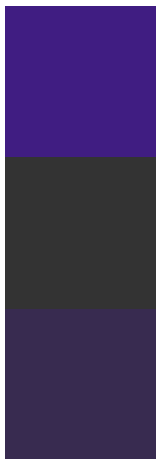


Original Color
401D82

Deuteranomaly
172E6B

Tritanomaly
332E55

Monochromacy



Original Color
401D82

Achromatopsia
333333

Achromatomaly
382B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 401D82 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 #401D82 looks like.

```
.text, #text, p{  
    color:#401D82  
}
```

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 #401D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401D82
}
```

Border

The CSS property to change the border of an element to Hex 401D82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

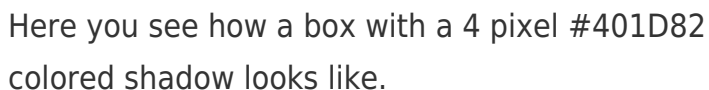
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401D82 }
```

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

```
.border{ border-color:#401D82 }
```

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



Here you see how a box with a 4 pixel #401D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401D82; -webkit-box-shadow:4px 4px  
4px 4px #401D82; box-shadow:4px 4px 4px  
4px #401D82 }
```

Background

The CSS property to change the background color of an element to Hex 401D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401D82 }
```

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

```
.background{ background-color:#401D82 }
```

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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