

Converting Colors

Hex(7A41B6)

Have a look what the booklet for
Hex(7A41B6) contains.

Hex(7A41B6)	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(7A41B6)

Conversions

Conversions Part 1

Format	Color
Hex	7A41B6
RGB	122, 65, 182
RGB Percent	48%, 25%, 71%
CMY	0.5216, 0.7451, 0.2863
CMYK	0.33, 0.64, 0.00, 0.29
HSL	269°, 47%, 48%
HSV	269°, 64%, 71%
XYZ	18.3598, 11.2956, 45.4686
YIQ	95.3810, -3.5850, 48.4710

Conversions

Conversions Part 2

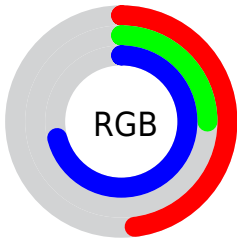
Format	Color
R_{YB}	122, 65, 182
Decimal	8012214
CIE _{Lab}	40.07, 47.33, -52.81
CIE _{LCh}	40, 70.920, 311.870
Yxy	11.2956, 0.2444, 0.1504
Android (android.graphics.Color)	4286202294 (0xFF7A41B6)
YUV	95.3810, 42.7032, 23.3449
Hunter-Lab	33.6089, 38.6953, -56.6857

Details

The Hex color **7A41B6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7DB641**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B274EF**, and **430C80** is the 20% darker color. If you saturate the color by 10%, you get **712FB6**, and if you desaturate by 10%, it is **8353B6**.

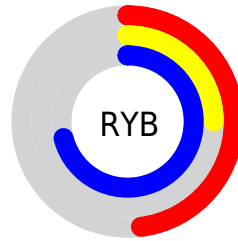
Distribution



Red (48%)

Green (25%)

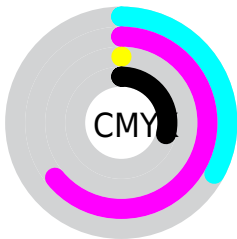
Blue (71%)



Red (48%)

Yellow (25%)

Blue (71%)

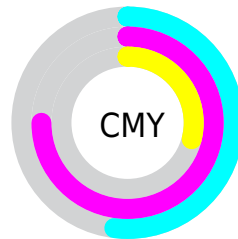


Cyan (33%)

Magenta (64%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (75%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A41B6 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 7A41B6 by changing the saturation by 10% instead.

 7A41B6

 7A41B6

FFFFFF

 5F289B

 B274EF

 430C80

 CF8FFF

 260066

 ECAAFF

 0C004E

 FFC6FF

 000136

 FFE2FF

 00021F

 000003

 000000

 7A41B6

 7A41B6

712FB6

8353B6

671DB6

8D65B6

5E0AB6

9678B6

5900B6

9F8AB6

A99CB6

B2AEB6

BBC0B6

C5D3B6

CEE5B6

Harmonies

Analogous

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



005FD2



7A41B6



B10C84

Triad

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



7A41B6



904E00



007675

Complementary

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



7A41B6



7DB641

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.



007438



7A41B6



5F6300

Square

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



7A41B6



B22B10



056F00



0075AB

Rectangle

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



7A41B6



BF005E



056F00



007661

Sweetspot

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



7A41B6



D6C0ED



417DB6



6A5C78



F7F7F7



787878

Same Dimension

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



7A41B6



9037ED



B441B6



57535C



4C009C



0E001C

Inverse Universe

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



B6417D



ED3794



43B641



5C5357



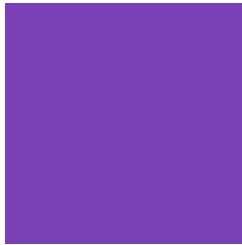
9C0050



1C000E

Previews

White Background



This preview shows how the Hex color 7A41B6 looks on a white background.

Color Contrast Check

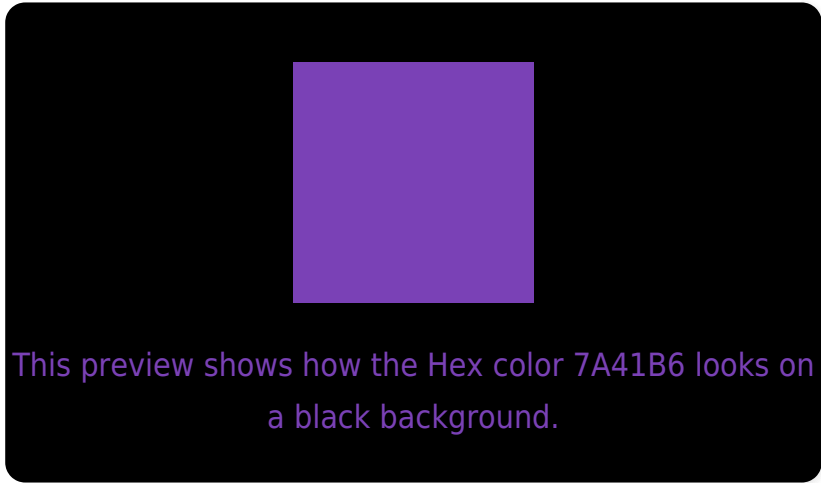
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

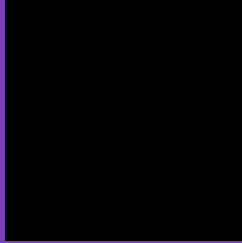
Any Text WCAG AA × Fail

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 7A41B6 Background



This preview shows how black text looks on a background with the Hex color 7A41B6.

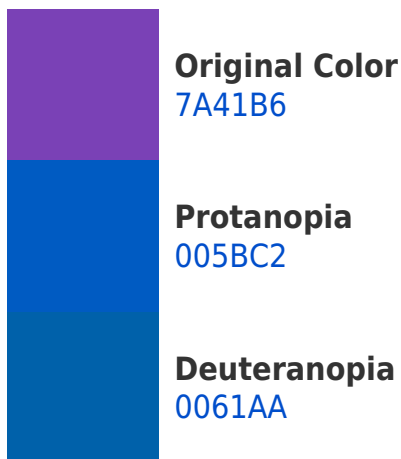



This preview shows how white text looks on a background with the Hex color 7A41B6.

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





Tritanopia
6A5A61

Trichromacy



Original Color
7A41B6



Protanomaly
2C52BE



Deuteranomaly
2C55AE



Tritanomaly
705180

Monochromacy



Original Color
7A41B6



Achromatopsia
5F5F5F



Achromatomaly
69547F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A41B6 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 #7A41B6 looks like.

```
.text, #text, p{  
    color:#7A41B6  
}
```

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 #7A41B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A41B6
}
```

Border

The CSS property to change the border of an element to Hex 7A41B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

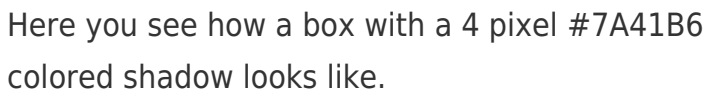
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A41B6 }
```

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

```
.border{ border-color:#7A41B6 }
```

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



Here you see how a box with a 4 pixel #7A41B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A41B6; -webkit-box-shadow:4px 4px  
4px 4px #7A41B6; box-shadow:4px 4px 4px  
4px #7A41B6 }
```

Background

The CSS property to change the background color of an element to Hex 7A41B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A41B6 }
```

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

```
.background{ background-color:#7A41B6 }
```

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