

Converting Colors

Hex(7A42A0)

Have a look what the booklet for
Hex(7A42A0) contains.

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Color

Hex(7A42A0)

Conversions

Conversions Part 1

Format	Color
Hex	7A42A0
RGB	122, 66, 160
RGB Percent	48%, 26%, 63%
CMY	0.5216, 0.7412, 0.3725
CMYK	0.24, 0.59, 0.00, 0.37
HSL	276°, 42%, 44%
HSV	276°, 59%, 63%
XYZ	16.3194, 10.5721, 34.4382
YIQ	93.4600, 3.2020, 41.1060

Conversions

Conversions Part 2

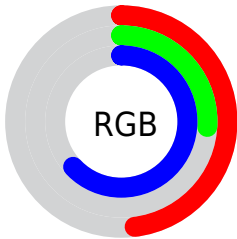
Format	Color
R _Y B	122, 66, 160
Decimal	8012448
CIE Lab	38.85, 41.48, -41.70
CIE LCh	39, 58.815, 314.850
Yxy	10.5721, 0.2661, 0.1724
Android (android.graphics.Color)	4286202528 (0xFF7A42A0)
YUV	93.4600, 32.8042, 25.0296
Hunter-Lab	32.5147, 32.6899, -40.0371

Details

The Hex color **7A42A0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **68A042**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B175D7**, and **450F6C** is the 20% darker color. If you saturate the color by 10%, you get **7432A0**, and if you desaturate by 10%, it is **8052A0**.

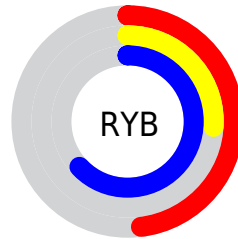
Distribution



Red (48%)

Green (26%)

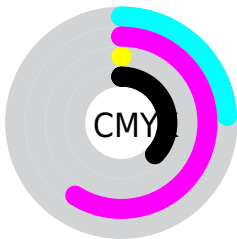
Blue (63%)



Red (48%)

Yellow (26%)

Blue (63%)

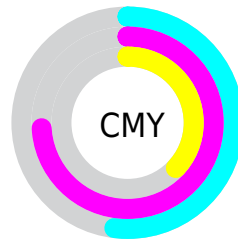


Cyan (24%)

Magenta (59%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (74%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A42A0 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 7A42A0 by changing the saturation by 10% instead.

7A42A0

7A42A0

FFFFFF

5F2985

B175D7

450F6C

CD8FF4

2C0053

EAAAFF

16003B

FFC6FF

000224

FFE2FF

00010D

000000

7A42A0

7A42A0

7432A0

8052A0

6D22A0

8762A0

6712A0

8D72A0

6002A0

9482A0

5F00A0

9A92A0

A1A2A0

A7B2A0

AEC2A0

B4D2A0

Harmonies

Analogous

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



0059B9



7A42A0



A32776

Triad

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



7A42A0



835000



007073

Complementary

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



7A42A0



68A042

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.



006F41



7A42A0



5A6100

Square

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



7A42A0



A13918



196A09



006F9E

Rectangle

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



7A42A0



AE1E56



196A09



007062

Sweetspot

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



7A42A0



C2ABD1



4269A0



5F5269



E8E8E8



696969

Same Dimension

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



7A42A0



953DD1



A04298



4C474F



55008F



09000F

Inverse Universe

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



A04268



D13D79



42A04A



4F474A



8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 7A42A0 looks on a white background.

Color Contrast Check

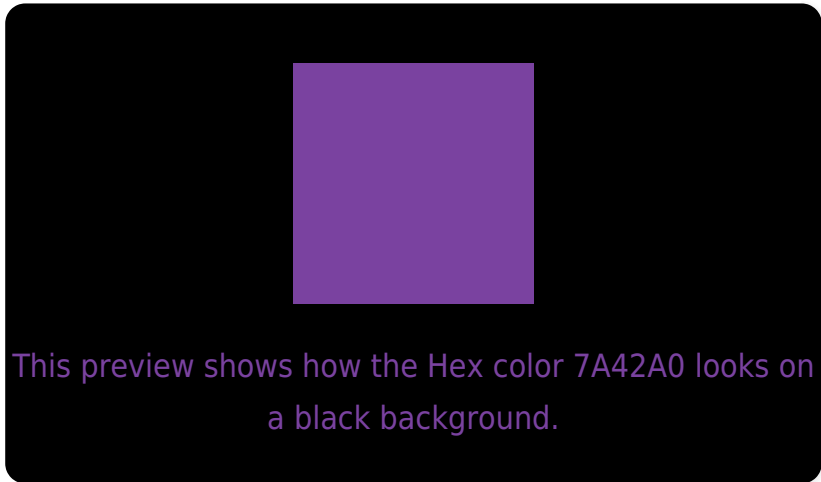
Large Text (above 18pt) WCAG AA ✓ Pass

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

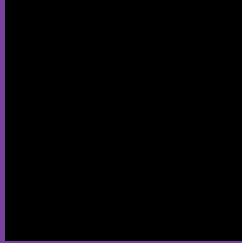
Any Text WCAG AA × Fail

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 7A42A0 Background



This preview shows how black text looks on a background with the Hex color 7A42A0.

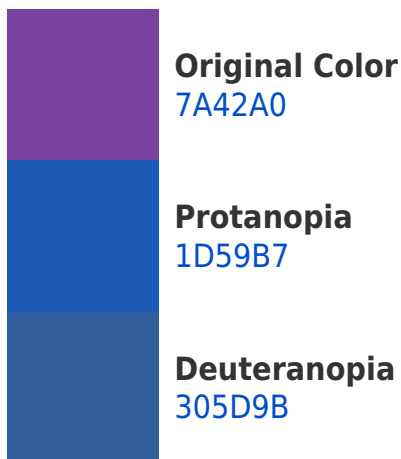


This preview shows how white text looks on a background with the Hex color 7A42A0.

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
6F555B

Trichromacy



Original Color
7A42A0



Protanomaly
3F51AF



Deuteranomaly
4B539D



Tritanomaly
734E74

Monochromacy



Original Color
7A42A0



Achromatopsia
5D5D5D



Achromatomaly
685375

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A42A0 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 #7A42A0 looks like.

```
.text, #text, p{  
    color:#7A42A0  
}
```

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 #7A42A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A42A0
}
```

Border

The CSS property to change the border of an element to Hex 7A42A0 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
#7A42A0 }
```

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

```
.border{ border-color:#7A42A0 }
```

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

Here you see how a box with a 4 pixel #7A42A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A42A0; -webkit-box-shadow:4px 4px  
4px 4px #7A42A0; box-shadow:4px 4px 4px  
4px #7A42A0 }
```

Background

The CSS property to change the background color of an element to Hex 7A42A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A42A0 }
```

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

```
.background{ background-color:#7A42A0 }
```

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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