

Converting Colors

Hex(7847A0)

Have a look what the booklet for
Hex(7847A0) contains.

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Color

Hex(7847A0)

Conversions

Conversions Part 1

Format	Color
Hex	7847A0
RGB	120, 71, 160
RGB Percent	47%, 28%, 63%
CMY	0.5294, 0.7216, 0.3725
CMYK	0.25, 0.56, 0.00, 0.37
HSL	273°, 39%, 45%
HSV	273°, 56%, 63%
XYZ	16.3441, 11.0376, 34.5267
YIQ	95.7970, 0.6350, 38.0670

Conversions

Conversions Part 2

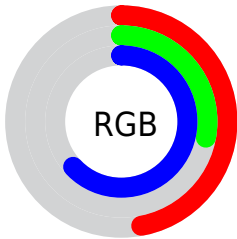
Format	Color
R_{YB}	120, 71, 160
Decimal	7882656
CIE _{Lab}	39.64, 38.20, -40.45
CIE _{LCh}	40, 55.633, 313.363
Yxy	11.0376, 0.2640, 0.1783
Android (android.graphics.Color)	4286072736 (0xFF7847A0)
YUV	95.7970, 31.6521, 21.2260
Hunter-Lab	33.2229, 29.6737, -38.3608

Details

The Hex color **7847A0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6FA047**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AF79D7**, and **44176C** is the 20% darker color. If you saturate the color by 10%, you get **7137A0**, and if you desaturate by 10%, it is **7F57A0**.

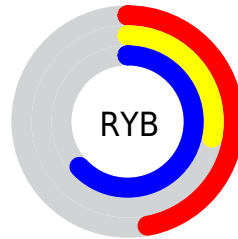
Distribution



Red (47%)

Green (28%)

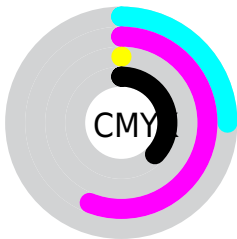
Blue (63%)



Red (47%)

Yellow (28%)

Blue (63%)

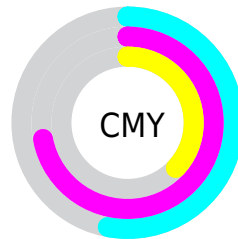


Cyan (25%)

Magenta (56%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (72%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7847A0 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 7847A0 by changing the saturation by 10% instead.

7847A0

7847A0

FFFFFF

5E2F85

AF79D7

44176C

CB94F4

2A0053

E7AFFF

16003C

FFCAFF

000225

FFE7FF

00010D

000000

7847A0

7847A0

7137A0

7F57A0

6A27A0

8667A0

6217A0

8E77A0

5B07A0

9587A0

5800A0

9C97A0

A3A7A0

AAB7A0

B2C7A0

B9D7A0

Harmonies

Analogous

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



005CB6



7847A0



A13079

Triad

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



7847A0



865200



007271

Complementary

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



7847A0



6FA047

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.



007042



7847A0



5F6200

Square

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



7847A0



A23C20



286B11



00709B

Rectangle

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



7847A0



AC285A



286B11



007161

Sweetspot

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



7847A0



C1AED1



476FA0



5F5469



E8E8E8



696969

Same Dimension

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



7847A0



9245D1



A0479C



4B474F



4F008F



08000F

Inverse Universe

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



A0476F



D14584



47A04B



4F474B



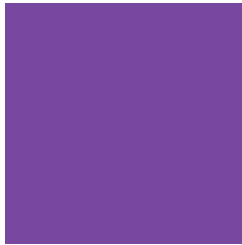
8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 7847A0 looks on a white background.

Color Contrast Check

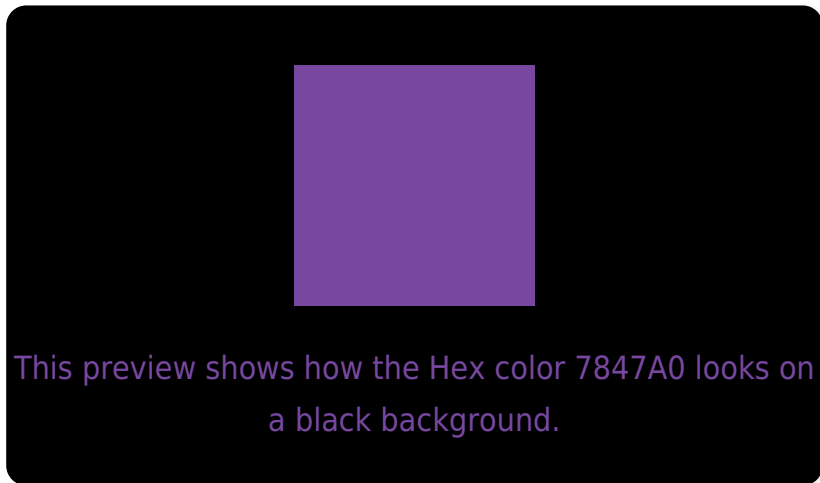
Large Text (above 18pt) WCAG AA ✓ Pass

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

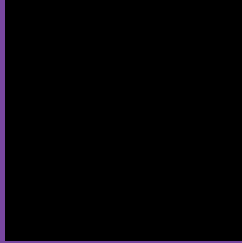
Any Text WCAG AA × Fail

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 7847A0 Background



This preview shows how black text looks on a background with the Hex color 7847A0.

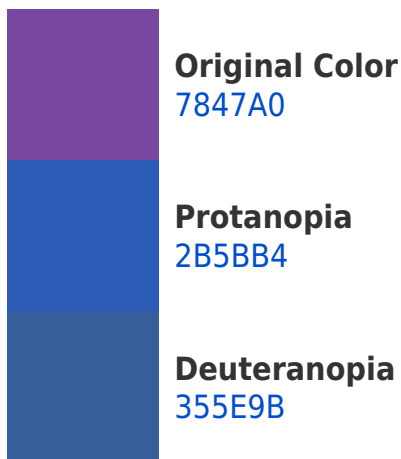



This preview shows how white text looks on a background with the Hex color 7847A0.

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
6D585F

Trichromacy



Original Color
7847A0



Protanomaly
4754AD



Deuteranomaly
4D569D



Tritanomaly
715277

Monochromacy



Original Color
7847A0



Achromatopsia
606060



Achromatomaly
695777

CSS Examples

Text

The CSS property to change the color of the text to Hex 7847A0 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 #7847A0 looks like.

```
.text, #text, p{  
    color:#7847A0  
}
```

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 #7847A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7847A0
}
```

Border

The CSS property to change the border of an element to Hex 7847A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

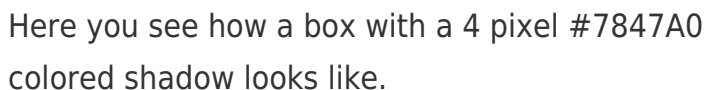
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7847A0 }
```

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

```
.border{ border-color:#7847A0 }
```

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



Here you see how a box with a 4 pixel #7847A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7847A0; -webkit-box-shadow:4px 4px  
4px 4px #7847A0; box-shadow:4px 4px 4px  
4px #7847A0 }
```

Background

The CSS property to change the background color of an element to Hex 7847A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7847A0 }
```

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

```
.background{ background-color:#7847A0 }
```

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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