

Converting Colors

Hex(7847BA)

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

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Color

Hex(7847BA)

Conversions

Conversions Part 1

Format	Color
Hex	7847BA
RGB	120, 71, 186
RGB Percent	47%, 28%, 73%
CMY	0.5294, 0.7216, 0.2706
CMYK	0.35, 0.62, 0.00, 0.27
HSL	266°, 45%, 50%
HSV	266°, 62%, 73%
XYZ	18.8619, 12.0447, 47.7851
YIQ	98.7610, -7.7110, 46.1530

Conversions

Conversions Part 2

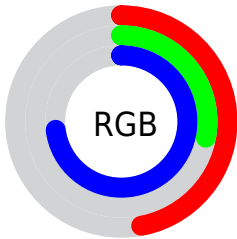
Format	Color
R _Y B	120, 71, 186
Decimal	7882682
CIE Lab	41.29, 44.72, -53.22
CIE LCh	41, 69.509, 310.039
Yxy	12.0447, 0.2397, 0.1531
Android (android.graphics.Color)	4286072762 (0xFF7847BA)
YUV	98.7610, 43.0088, 18.6266
Hunter-Lab	34.7055, 36.2773, -57.3410

Details

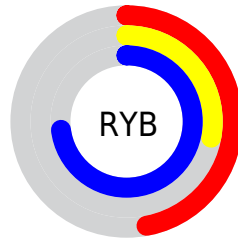
The Hex color **7847BA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **89BA47**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B07AF3**, and **411584** is the 20% darker color. If you saturate the color by 10%, you get **6D34BA**, and if you desaturate by 10%, it is **835ABA**.

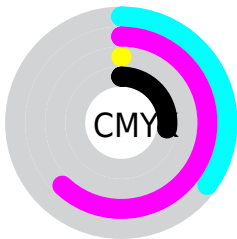
Distribution



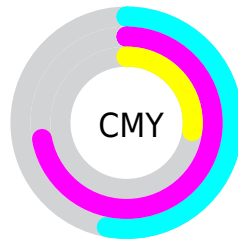
- Red (47%)
- Green (28%)
- Blue (73%)



- Red (47%)
- Yellow (28%)
- Blue (73%)



- Cyan (35%)
- Magenta (62%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (72%)
- Yellow (27%)

Brightness & Saturation Gradients

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

7847BA

7847BA

FFFFFF

5C2E9F

B07AF3

411584

CD94FF

23006A

EAAFFF

020051

FFCBFF

000039

FFE8FF

000223

000009

000000

7847BA

7847BA

6D34BA

835ABA

6322BA

8D6CBA

580FBA

987FBA

4F00BA

A391BA

ADA4BA

B8B7BA

C3C9BA

CDDCBA

D8EEBA

Harmonies

Analogous

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



0063D4



7847BA



B11D8A

Triad

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



7847BA



955000



007974

Complementary

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



7847BA



89BA47

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.



007737



7847BA



666500

Square

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



7847BA



B62E19



1D7100



0078AA

Rectangle

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



7847BA



C10064



1D7100



007960

Sweetspot

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



7847BA



D8C4F2



478ABA



6A5E7A



FAFAFA



7A7A7A

Same Dimension

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



7847BA



8B3FF2



B047BA



57535C



42009C



0C001C

Inverse Universe

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



BA4789



F23FA6



51BA47



5C5358



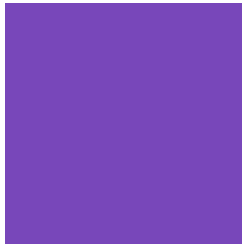
9C0059



1C0010

Previews

White Background



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

Color Contrast Check

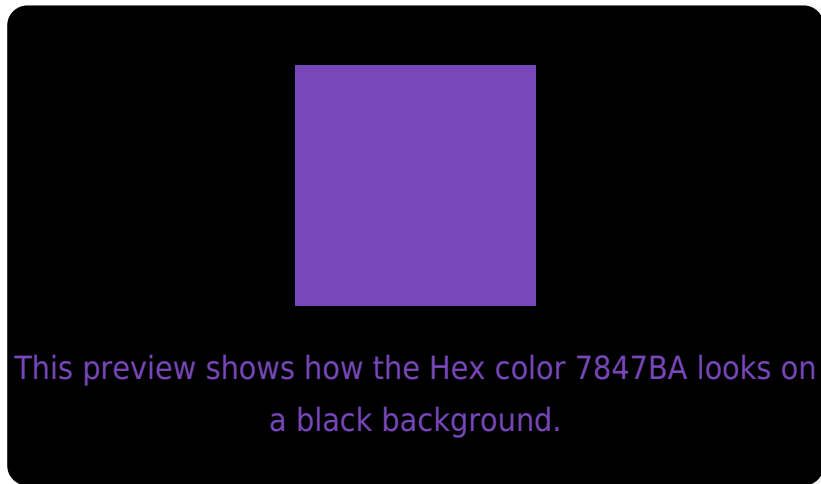
Large Text (above 18pt) WCAG AA ✓ Pass

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 7847BA Background



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

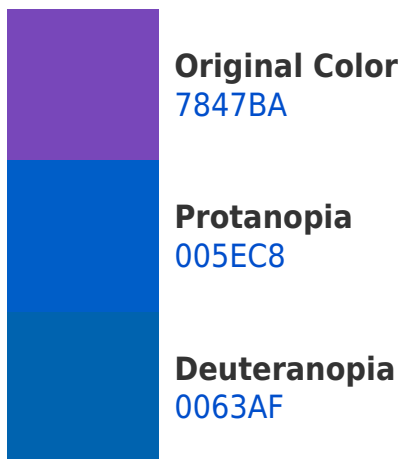


This preview shows how white text looks on a background with the Hex color 7847BA.

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](#).

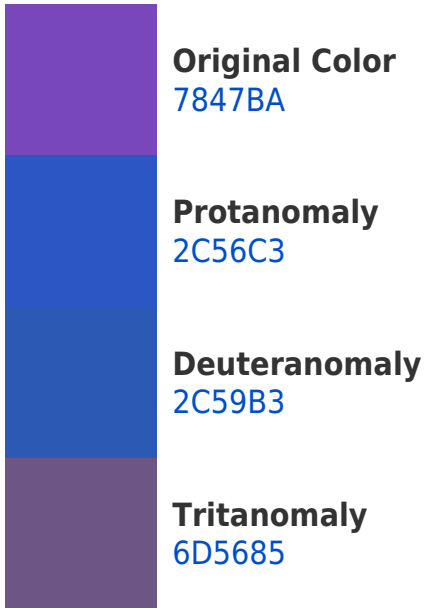
Dichromacy



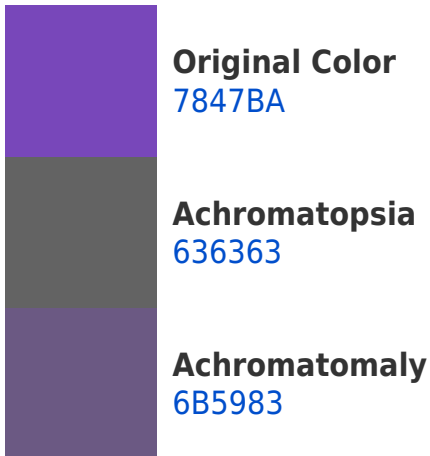


Tritanopia
675F67

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7847BA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 7847BA 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
#7847BA }
```

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

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

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

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

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

Background

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

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

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

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

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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