

Converting Colors

Hex(7843A8)

Have a look what the booklet for
Hex(7843A8) contains.

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Color

Hex(7843A8)

Conversions

Conversions Part 1

Format	Color
Hex	7843A8
RGB	120, 67, 168
RGB Percent	47%, 26%, 66%
CMY	0.5294, 0.7373, 0.3412
CMYK	0.29, 0.60, 0.00, 0.34
HSL	271°, 43%, 46%
HSV	271°, 60%, 66%
XYZ	16.8208, 10.8345, 38.2505
YIQ	94.3610, -0.8330, 42.6470

Conversions

Conversions Part 2

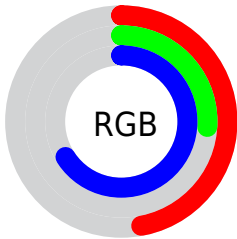
Format	Color
R_{YB}	120, 67, 168
Decimal	7881640
CIE _{Lab}	39.30, 42.36, -45.77
CIE _{LCh}	39, 62.365, 312.778
Yxy	10.8345, 0.2552, 0.1644
Android (android.graphics.Color)	4286071720 (0xFF7843A8)
YUV	94.3610, 36.3040, 22.4854
Hunter-Lab	32.9159, 33.6149, -45.8580

Details

The Hex color **7843A8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73A843**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AF76E0**, and **431173** is the 20% darker color. If you saturate the color by 10%, you get **7032A8**, and if you desaturate by 10%, it is **8054A8**.

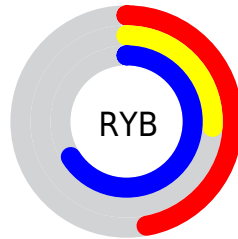
Distribution



Red (47%)

Green (26%)

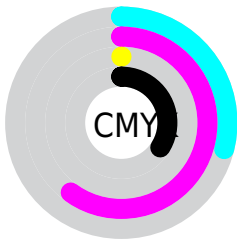
Blue (66%)



Red (47%)

Yellow (26%)

Blue (66%)

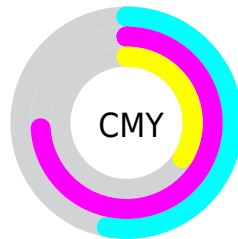


Cyan (29%)

Magenta (60%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (74%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7843A8 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 7843A8 by changing the saturation by 10% instead.

 7843A8

 7843A8

FFFFFF

 5D2A8D

 AF76E0

 431173

 CC90FD

 28005A

 E9ABFF

 110042

 FFC7FF

 00032B


 FFE3FF

 000115

 000000

 7843A8

 7843A8

 7032A8

 8054A8

6821A8

8865A8

6011A8

9075A8

5800A8

9886A8

A097A8

A8A8A8

B0B9A8

B8C9A8

C0DAA8

Harmonies

Analogous

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



005CC1



7843A8



A7237C

Triad

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



7843A8



884F00



007272

Complementary

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



7843A8



73A843

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.



00713C



7843A8



5D6100

Square

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



7843A8



A73518



1B6B00



0071A1

Rectangle

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



7843A8



B3155A



1B6B00



007260

Sweetspot

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



7843A8



C9B4DB



4374A8



62566E



EDEDED



6E6E6E

Same Dimension

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



7843A8



903DDB



A843A6



504C54



4E0094



0B0014

Inverse Universe

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



A84373



DB3D88



43A845



544C50



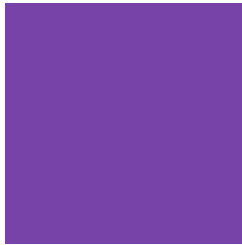
940046



14000A

Previews

White Background



This preview shows how the Hex color 7843A8 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

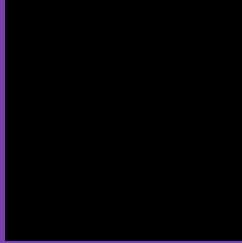
Any Text WCAG AA × Fail

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 7843A8 Background



This preview shows how black text looks on a background with the Hex color 7843A8.

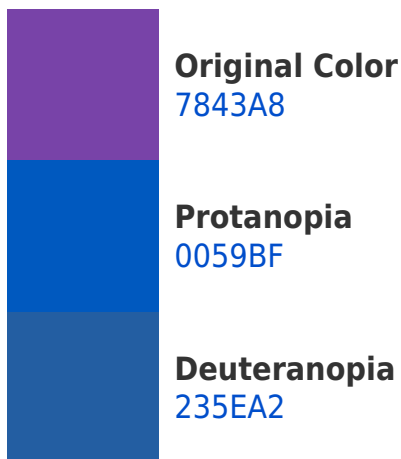


This preview shows how white text looks on a background with the Hex color 7843A8.

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
6B585E

Trichromacy



Original Color
7843A8



Protanomaly
2C51B7



Deuteranomaly
4254A4



Tritanomaly
705079

Monochromacy



Original Color
7843A8



Achromatopsia
5E5E5E



Achromatomaly
675479

CSS Examples

Text

The CSS property to change the color of the text to Hex 7843A8 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 #7843A8 looks like.

```
.text, #text, p{  
    color:#7843A8  
}
```

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 #7843A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7843A8
}
```

Border

The CSS property to change the border of an element to Hex 7843A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

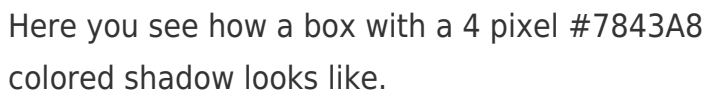
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7843A8 }
```

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

```
.border{ border-color:#7843A8 }
```

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



Here you see how a box with a 4 pixel #7843A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7843A8; -webkit-box-shadow:4px 4px  
4px 4px #7843A8; box-shadow:4px 4px 4px  
4px #7843A8 }
```

Background

The CSS property to change the background color of an element to Hex 7843A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7843A8 }
```

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

```
.background{ background-color:#7843A8 }
```

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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