

Converting Colors

Hex(7874A3)

Have a look what the booklet for
Hex(7874A3) contains.

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Color

Hex(7874A3)

Conversions

Conversions Part 1

Format	Color
Hex	7874A3
RGB	120, 116, 163
RGB Percent	47%, 45%, 64%
CMY	0.5294, 0.5451, 0.3608
CMYK	0.26, 0.29, 0.00, 0.36
HSL	245°, 20%, 55%
HSV	245°, 29%, 64%
XYZ	20.6020, 19.1282, 37.2566
YIQ	122.5540, -12.7030, 15.4650

Conversions

Conversions Part 2

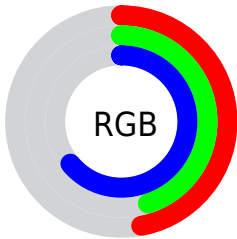
Format	Color
R_{YB}	120, 116, 163
Decimal	7894179
CIE _{Lab}	50.84, 12.26, -24.65
CIE _{LCh}	51, 27.531, 296.442
Yxy	19.1282, 0.2676, 0.2485
Android (android.graphics.Color)	4286084259 (0xFF7874A3)
YUV	122.5540, 19.9399, -2.2399
Hunter-Lab	43.7358, 7.5457, -19.8915

Details

The Hex color `7874A3` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `9FA374`, and the grayscale version is `7A7A7A`.

A 20% lighter version of the original color is `ADA8DA`, and `46446F` is the 20% darker color. If you saturate the color by 10%, you get `6964A3`, and if you desaturate by 10%, it is `8784A3`.

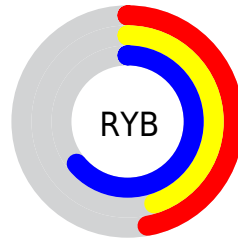
Distribution



Red (47%)

Green (45%)

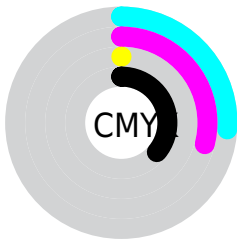
Blue (64%)



Red (47%)

Yellow (45%)

Blue (64%)

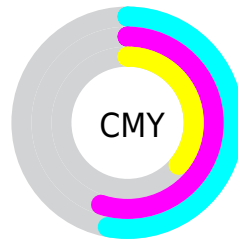


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7874A3 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 7874A3 by changing the saturation by 10% instead.



7874A3



7874A3

FFFFFF



5F5B89



ADA8DA



46446F



C9C3F7



2E2E56



E5DFFF



17193F



FFFCFF



020029



000113



000000



7874A3



7874A3



6964A3



8784A3

■ 5A53A3

■ 9695A3

■ 4B43A3

■ A5A5A3

■ 3C33A3

■ B4B5A3

■ 2D23A3

■ C3C6A3

■ 1F12A3

■ D1D6A3

■ 1002A3

■ E0E6A3

■ 0E00A3

■ EFF6A3

■ FEFFA3

Harmonies

Analogous

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



537CA8



7874A3



946C93

Triad

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



7874A3



9E6F53



3A8675

Complementary

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



7874A3



9FA374

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.



58835E



7874A3



8B774A

Square

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



7874A3



A76865



737E4E



22858D

Rectangle

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



7874A3



A06885



737E4E



44856D

Sweetspot

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



7874A3



C2C1D4



749FA3



605F6B



EBEBEB



6B6B6B

Same Dimension

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



7874A3



908AD4



8F74A3



4A4952



0C0091



020012

Inverse Universe

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



A3749F



D48ACD



88A374



524951



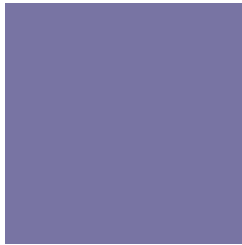
910085



120010

Previews

White Background



This preview shows how the Hex color 7874A3 looks on a white background.

Color Contrast Check

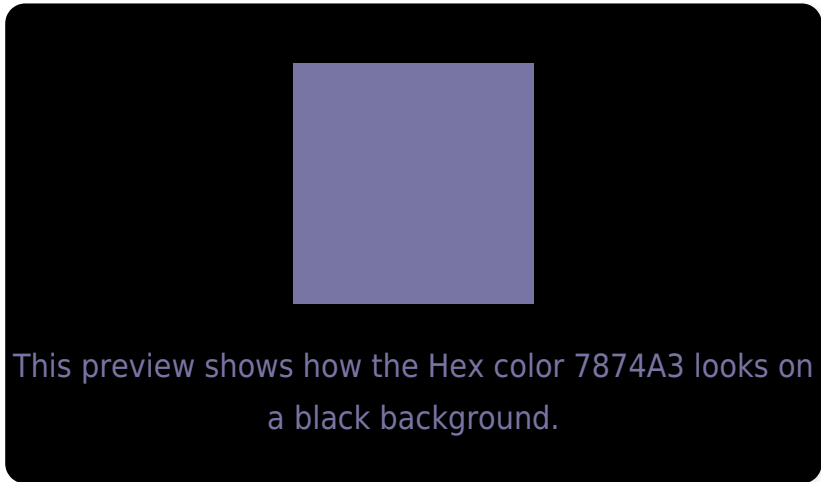
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

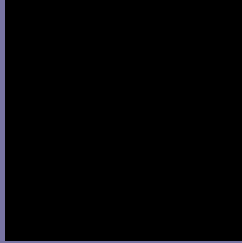
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7874A3 Background



This preview shows how black text looks on a background with the Hex color 7874A3.



This preview shows how white text looks on a background with the Hex color 7874A3.

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](#).

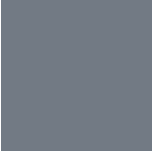
Dichromacy



Original Color
7874A3

Protanopia
6B77A6

Deuteranopia
6E77A2



Tritanopia
727A84

Trichromacy



Original Color
7874A3

Protanomaly
7076A5

Deuteranomaly
7276A2

Tritanomaly
74788F

Monochromacy



Original Color
7874A3

Achromatopsia
7B7B7B

Achromatomaly
7A788A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7874A3 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 #7874A3 looks like.

```
.text, #text, p{  
    color:#7874A3  
}
```

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 #7874A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7874A3
}
```

Border

The CSS property to change the border of an element to Hex 7874A3 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
#7874A3 }
```

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

```
.border{ border-color:#7874A3 }
```

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

Here you see how a box with a 4 pixel #7874A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7874A3; -webkit-box-shadow:4px 4px  
4px 4px #7874A3; box-shadow:4px 4px 4px  
4px #7874A3 }
```

Background

The CSS property to change the background color of an element to Hex 7874A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7874A3 }
```

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

```
.background{ background-color:#7874A3 }
```

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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